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HYDROLOGICAL MEMORANDUM No. 26

Rainfall over Solway, Ayrshire and Clyde River Purification Board Areas

1. Rainfall Averages for the standard 35 year-period, 1916-1950

The determination of 35-year averages, for the months and for the year, was carried out in three stages.

a. Sound, homogeneous records complete for the 35 years, 1916-50, were selected to provide arithmetical averages of monthly and annual rainfall. The averages for stations in this group are given in Table I together with the percentage ratio of each monthly average to the relevant annual average.

The percentage ratios, plotted on a series of 12 maps - one for each calendar month - enabled isopercental lines to be drawn for the whole of Scotland. Small scale copies of the maps for the areas of this Memorandum are shown in Figure 1.

b. Annual averages for the period 1916-1950 were estimated for short-period stations using the methods described in Hydrological Memorandum No.5. The annual averages so found were then apportioned over the 12 calendar months using the isopercental maps referred to in a. above. Table II contains the resulting averages for those stations whose records were acceptable when subjected to the statistical tests mentioned in Hydrological Memorandum No. 5.

c. All available annual averages were plotted, and isohyets drawn on large scale maps. The isohyets, on a reduced scale, are reproduced as Figure 2.

2. Daily Rainfall, 1916-50

A number of stations with regular daily readings were chosen from Table I to provide, for each date of the year, a mean daily value based on the rainfall over the 35 years, 1916-50. The means are shown as accumulations in Table III, the entry under any particular date being the mean rainfall from January 1st to the date in question.

The mean rainfall for any particular period can be obtained by subtracting the accumulated total at the beginning of the period in question from the corresponding total at the end of the period.

3. Frequencies of Daily Rainfall, 1916-50

Stations selected from Table I were used to provide accumulated frequencies of daily rainfall amounts in intervals of mainly 0.10 inch. These are shown in Table IV. For example, the entry at 0.20 inch is the total number of days in the 35 years, 1916-50, with falls of 0.20 inch or more.

4. Extremes of Rainfall

For selected stations, maximum daily falls are set out in Table V, for periods between 1900 and 1963.

5. Further details about rainfall, for example maximum and minimum monthly and annual totals, can be obtained from the Meteorological Office, 26 Palmerston Place, Edinburgh, 12.

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TABLE I. MONTHLY AND ANNUAL AVERAGES OF RAINFALL (INCHES) 1916-1950
SOLWAY, AYRSHIRE AND CLYDE RIVER PURIFICATION BOARD AREAS

SOLWAY

Station	Alt. (Ft)	N.G.R.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec	Year	
Eskdalemuir	794	NT (36) 235026	7.56 12.1	4.60 7.4	3.96 6.4	3.80 6.1	3.78 6.1	3.97 6.4	5.00 8.0	5.50 8.8	5.33 8.6	6.54 10.5	5.97 9.6	6.26 10.0	62.27 100.0	Inch %
Langholm Arkleton	445	NY (35) 381914	6.40 11.4	3.98 7.1	3.54 6.3	3.48 6.2	3.47 6.2	3.51 6.2	4.85 8.6	5.45 9.7	4.92 8.7	5.87 10.4	5.38 9.5	5.49 9.7	56.34 100.0	Inch %
Irvine House	200	NY (35) 374806	5.45 11.0	3.37 6.8	2.96 6.0	2.96 6.0	2.99 6.0	3.45 7.0	4.49 9.1	5.12 10.3	4.63 9.3	5.13 10.4	4.43 8.9	4.58 9.2	49.56 100.0	Inch %
Moffat, St. Margarets'	463	NT (36) 068038	6.97 12.1	4.10 7.1	3.49 6.1	3.32 5.8	3.51 6.1	3.44 6.0	4.63 8.1	4.84 8.4	4.86 8.5	6.19 10.8	5.85 10.2	6.23 10.8	57.43 100.0	Inch %
Glen Afton Hospital	833	NS (26) 616101	6.92 12.0	4.39 7.7	3.69 6.4	3.43 6.0	3.38 5.9	3.13 5.4	4.03 7.0	4.28 7.5	5.06 8.8	6.47 11.3	6.06 10.5	6.61 11.5	57.45 100.0	Inch %
Moniaive, Glencrosh	400	NX (25) 763892	6.66 12.0	4.03 7.3	3.60 6.5	3.22 5.8	3.43 6.2	3.14 5.7	4.32 7.8	4.57 8.2	4.64 8.4	5.94 10.7	5.64 10.2	6.24 11.2	55.43 100.0	Inch %
Lochrutton Waterworks	273	NX (25) 901743	5.47 11.1	3.31 6.7	3.17 6.4	2.81 5.7	3.17 6.4	3.03 6.1	4.33 8.7	4.62 9.3	4.33 8.7	5.34 10.8	4.90 9.9	5.06 10.2	49.54 100.0	Inch %
Ruthwell	95	NY (35) 078691	3.91 10.6	2.32 6.3	2.29 6.2	2.00 5.4	2.33 6.3	2.53 6.9	3.44 9.4	3.92 10.6	3.32 9.0	3.94 10.7	3.40 9.2	3.48 9.4	36.88 100.0	Inch %
Torr House	50	NX (25) 800527	5.47 10.8	3.34 6.6	3.21 6.4	2.86 5.7	3.22 6.4	3.04 6.0	4.10 8.1	4.70 9.3	4.57 9.1	5.56 11.0	5.16 10.2	5.25 10.4	50.48 100.0	Inch %
Glendarroch	192	NX (25) 619815	6.89 12.5	4.22 7.7	3.59 6.5	3.03 5.5	3.33 6.1	2.93 5.3	3.98 7.2	4.45 8.1	4.52 8.2	6.08 11.0	5.83 10.6	6.19 11.3	55.04 100.0	Inch %
Ardwell House	60	NX (25) 102455	4.53 11.2	2.69 6.7	2.42 6.0	2.23 5.5	2.61 6.5	2.43 6.0	3.09 7.6	3.39 8.4	3.72 9.2	4.55 11.2	4.30 10.6	4.49 11.1	40.45 100.0	Inch %
Little Barraer	180	NX (25) 381619	5.70 11.8	3.52 7.3	3.09 6.4	2.70 5.6	2.99 6.2	2.65 5.5	3.57 7.4	4.06 8.4	4.30 8.9	5.46 11.3	5.12 10.6	5.12 10.6	48.28 100.0	Inch %

TABLE I. MONTHLY AND ANNUAL AVERAGES OF RAINFALL (INCHES) 1916-1950
SOLWAY, AYRSHIRE AND CLYDE RIVER PURIFICATION BOARD AREAS (continued)

SOLWAY (continued)

Station	Alt. (Ft)	N.G.R.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	
Lagafater Lodge	800	NX (25) 139761	7.24 11.3	4.37 6.8	4.05 6.3	3.47 5.3	3.85 6.0	3.92 6.1	4.95 7.7	5.33 8.3	6.04 9.4	7.17 11.2	6.67 10.4	7.17 11.2	64.23 100.0	Inch %
Logan House	50	NX (25) 097425	4.51 11.1	2.63 6.5	2.49 6.1	2.24 5.5	2.60 6.4	2.49 6.1	3.10 7.7	3.47 8.6	3.76 9.3	4.54 11.2	4.29 10.6	4.43 10.9	40.55 100.0	Inch %
AYRSHIRE																
Colmonell	170	NX (25) 122857	5.01 11.5	2.95 6.7	2.64 6.0	2.28 5.2	2.51 5.7	2.60 5.9	3.19 7.3	3.53 8.1	4.09 9.4	5.01 11.5	4.68 10.7	5.24 12.0	43.73 100.0	Inch %
Loch Bradan	970	NX (25) 436978	8.37 12.1	4.91 7.1	4.29 6.2	3.94 5.7	3.87 5.6	4.08 5.9	5.05 7.3	5.33 7.7	6.51 9.4	8.03 11.6	7.27 10.5	7.55 10.9	69.20 100.0	Inch %
Glendoune Gardens	100	NX (25) 189966	4.95 11.3	2.96 6.7	2.73 6.2	2.35 5.3	2.67 6.1	2.70 6.1	3.42 7.8	3.69 8.4	4.11 9.3	5.00 11.4	4.55 10.4	4.84 11.0	43.97 100.0	Inch %
Loch Finlas	840	NX (25) 469981	8.00 12.1	4.69 7.1	4.10 6.2	3.77 5.7	3.70 5.6	3.90 5.9	4.83 7.3	5.09 7.7	6.21 9.4	7.67 11.6	6.94 10.5	7.20 10.9	66.10 100.0	Inch %
Ayr Cemetery	40	NS (26) 348211	3.79 10.6	2.44 6.8	2.17 6.1	1.99 5.5	2.31 6.4	2.38 6.6	3.04 8.5	3.15 8.8	3.42 9.5	4.09 11.4	3.48 9.7	3.64 10.1	35.90 100.0	Inch %
Prestwick	17	NS (26) 347261	3.69 10.6	2.37 6.8	2.12 6.1	1.91 5.5	2.23 6.4	2.30 6.6	2.96 8.5	3.06 8.8	3.31 9.5	3.97 11.4	3.38 9.7	3.52 10.1	34.82 100.0	Inch %
Gailes	12	NS (26) 323354	4.16 10.7	2.61 6.7	2.34 6.0	2.17 5.6	2.65 6.8	2.58 6.6	3.27 8.4	3.65 9.3	3.49 9.0	4.37 11.2	3.86 9.9	3.82 9.8	38.97 100.0	Inch %
Munnoch Res.	325	NS (26) 253481	5.48 10.5	3.68 7.0	3.04 5.8	3.01 5.7	3.35 6.4	3.48 6.6	4.22 8.1	4.60 8.8	4.93 9.4	6.14 11.7	5.20 9.9	5.33 10.1	52.46 100.0	Inch %
Blair House	155	NS (26) 302481	5.27 10.3	3.65 7.2	3.01 5.9	2.90 5.7	3.24 6.4	3.23 6.3	4.16 8.2	4.59 9.0	4.82 9.4	5.98 11.7	5.11 10.0	5.06 9.9	51.02 100.0	Inch %

TABLE I. MONTHLY AND ANNUAL AVERAGES OF RAINFALL (INCHES) 1916-1950
SOLWAY, AYRSHIRE AND CLYDE RIVER PURIFICATION BOARD AREAS (continued)

AYRSHIRE (continued)

Station	Alt. (Ft)	N.G.R.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	
Greenhead Filters	183	NS (26) 273437	4.48	3.04	2.54	2.43	2.86	2.81	3.54	3.81	4.01	4.95	4.24	4.22	42.93	Inch
			10.4	7.1	5.9	5.7	6.7	6.6	8.2	8.9	9.3	11.5	9.9	9.8	100.0	%
CLYDE																
Largs, Woodbank	25	NS (26) 199607	5.42	3.51	2.98	2.83	3.02	2.98	3.61	4.15	4.49	5.61	5.03	5.17	48.80	Inch
			11.1	7.2	6.1	5.8	6.2	6.1	7.4	8.5	9.2	11.5	10.3	10.6	100.0	%
Loch Thom	643	NS (26) 256724	8.40	5.54	4.44	4.16	4.14	4.02	4.91	5.48	6.10	8.26	7.31	7.65	70.41	Inch
			11.9	7.8	6.3	5.9	5.9	5.7	7.0	7.8	8.7	11.7	10.4	10.9	100.0	%
Shielhill	912	NS (26) 239727	8.57	5.45	4.49	4.07	4.19	4.10	5.08	5.65	6.58	8.87	7.58	7.70	72.33	Inch
			11.8	7.5	6.2	5.6	5.8	5.7	7.0	7.8	9.1	12.3	10.5	10.7	100.0	%
Hole Glen	603	NS (26) 259746	8.26	5.49	4.43	4.01	4.01	3.94	4.88	5.47	6.09	8.15	7.26	7.63	69.62	Inch
			11.9	7.9	6.4	5.7	5.7	5.7	7.0	7.9	8.7	11.7	10.4	11.0	100.0	%
Greenock	199	NS (26) 274757	7.83	5.09	4.06	3.55	3.59	3.36	4.07	4.63	5.35	7.41	6.58	6.99	62.51	Inch
			12.5	8.1	6.5	5.7	5.7	5.4	6.5	7.4	8.6	11.9	10.5	11.2	100.0	%
New Yetts Dam	800	NS (26) 264738	7.91	5.27	4.33	3.95	3.96	3.80	4.81	5.29	5.87	7.89	6.96	7.20	67.24	Inch
			11.8	7.8	6.4	5.9	5.9	5.7	7.2	7.9	8.7	11.7	10.3	10.7	100.0	%
Huntfield	890	NT (36) 012401	3.67	2.45	2.07	2.08	2.45	2.19	3.18	3.45	3.33	3.75	3.34	3.23	35.19	Inch
			10.4	7.0	5.9	5.9	7.0	6.2	9.0	9.8	9.5	10.6	9.5	9.2	100.0	%
Glassford Filters	775	NS (26) 708479	5.39	3.50	2.96	2.82	3.01	3.01	3.79	4.32	4.52	5.49	4.91	4.86	48.58	Inch
			11.1	7.2	6.1	5.8	6.2	6.2	7.8	8.9	9.3	11.3	10.1	10.0	100.0	%
Townhill Filters	430	NS (26) 694546	4.49	2.84	2.39	2.21	2.62	2.36	2.91	3.65	3.59	4.41	3.83	3.94	39.24	Inch
			11.5	7.2	6.1	5.6	6.7	6.0	7.4	9.3	9.2	11.2	9.8	10.0	100.0	%
Airdrie, Broomknoll St.	402	NS (26) 762653	3.91	2.57	2.17	2.11	2.54	2.44	3.22	3.67	3.50	3.96	3.42	3.24	36.75	Inch
			10.6	7.0	5.9	5.8	6.9	6.6	8.8	10.0	9.5	10.8	9.3	8.8	100.0	%

TABLE I. MONTHLY AND ANNUAL AVERAGES OF RAINFALL (INCHES) 1916-1950
SOLWAY, AYRSHIRE AND CLYDE RIVER PURIFICATION BOARD AREAS (continued)

CLYDE (continued)

Station	Alt. (Ft)	N.G.R.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	
Tollcross Park	84	NS (26) 639638	4.26	2.84	2.43	2.31	2.68	2.56	3.17	3.71	3.48	4.19	3.70	3.69	39.02	Inch
			10.9	7.3	6.2	5.9	6.9	6,6	8.1	9.5	8.9	10.7	9.5	9.5	100.0	%
Alexandra Park	141	NS (26) 617658	4.16	2.80	2.50	2.27	2.73	2.66	3.23	3.66	3.63	4.26	3.66	3.62	39.18	Inch
			10.6	7.2	6.4	5.8	7.0	6.8	8.2	9.3	9.3	10.9	9.3	9.2	100.0	%
Gartloch Hospital	291	NS (26) 673670	4.29	2.91	2.40	2.31	2.72	2.66	3.32	3.93	3.66	4.28	3.76	3.67	39.91	Inch
			10.8	7.3	6.0	5.8	6.8	6.7	8.3	9.8	9.2	10.7	9.4	9.2	100.0	%
Ruchill Park	228	NS (26) 578684	4.07	2.77	2.37	2.24	2.58	2.50	3.18	3.56	3.46	4.28	3.62	3.67	38.30	Inch
			10.6	7.2	6.2	5.8	6.8	6.5	8.3	9.3	9.0	11.2	9.5	9.6	100.0	%
Glasgow, Elder Park	25	NS (26) 543658	4.66	3.13	2.58	2.40	2.71	2.63	3.30	3.69	3.67	4.62	4.04	4.14	41.57	Inch
			11.2	7.5	6.2	5.8	6.5	6.3	8.0	8.9	8.8	11.1	9.7	10.0	100.0	%
Victoria Park	30	NS (26) 543673	4.20	2.84	2.37	2.22	2.59	2.49	3.21	3.59	3.42	4.41	3.75	3.72	38.81	Inch
			10.8	7.3	6.1	5.7	6.7	6.4	8.3	9.3	8.8	11.3	9.7	9.6	100.0	%
Renfrew	26	NS (26) 508662	4.66	3.19	2.51	2.32	2.63	2.41	3.10	3.33	3.57	4.70	4.12	4.19	40.73	Inch
			11.4	7.8	6.2	5.7	6.5	5.9	7.6	8.2	8.8	11.5	10.1	10.3	100.0	%
Muirhead	482	NS (26) 391571	6.68	4.64	3.78	3.44	3.52	3.46	4.32	4.82	5.26	6.99	6.04	6.09	59.04	Inch
			11.3	7.9	6.4	5.8	6.0	5.9	7.3	8.2	8.9	11.8	10.2	10.3	100.0	%
Tor Bracken	360	NS (26) 405601	7.04	4.83	3.83	3.47	3.56	3.32	4.23	4.69	5.30	6.72	5.95	6.19	59.13	Inch
			11.9	8.2	6.5	5.9	6.0	5.6	7.1	7.9	9.0	11.4	10.0	10.5	100.0	%
Gryfe Res.	640	NS (26) 283713	8.34	5.44	4.45	4.10	3.99	3.84	4.76	5.22	5.97	8.18	7.39	7.74	69.42	Inch
			12.0	7.8	6.4	5.9	5.8	5.5	6.9	7.5	8.6	11.8	10.6	11.2	100.0	%
Darndaff Moor	850	NS (26) 276731	8.20	5.40	4.47	3.99	3.89	3.83	4.64	5.11	5.95	8.00	7.06	7.38	67.92	Inch
			12.1	7.9	6.6	5.9	5.7	5.6	6.8	7.5	8.8	11.8	10.4	10.9	100.0	%
Mansfield	593	NS (26) 296715	8.14	5.23	4.27	3.87	3.87	3.63	4.52	4.99	5.73	7.74	7.08	7.45	66.52	Inch
			12.2	7.9	6.4	5.8	5.8	5.5	6.8	7.5	8.6	11.6	10.7	11.2	100.0	%

TABLE I. MONTHLY AND ANNUAL AVERAGES OF RAINFALL (INCHES) 1916-1950
SOLWAY, AYRSHIRE AND CLYDE RIVER PURIFICATION BOARD AREAS (continued)

CLYDE (continued)

Station	Alt. (Ft)	N.G.R.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	
Green Water	788	NS (26) 287701	8.75 11.9	5.80 7.9	4.81 6.5	4.42 6.0	4.27 5.8	4.15 5.6	5.01 6.8	5.63 7.7	6.60 9.0	8.61 11.7	7.61 10.3	7.92 10.8	73.58 100.0	Inch %
Pollok House	50	NS (26) 549619	4.37 11.0	2.94 7.4	2.51 6.3	2.18 5.5	2.56 6.4	2.42 6.1	3.04 7.7	3.51 8.8	3.67 9.2	4.56 11.5	4.00 10.1	3.98 10.0	39.74 100.0	Inch %
Waulk Glen	297	NS (26) 522578	5.92 12.0	4.04 8.2	3.12 6.3	2.89 5.8	2.97 6.0	2.88 5.8	3.54 7.1	3.96 8.0	4.41 8.9	5.54 11.2	4.94 10.0	5.32 10.7	49.53 100.0	Inch %
Paisley	106	NS (26) 478642	5.21 11.8	3.47 7.9	2.80 6.3	2.48 5.6	2.80 6.3	2.57 5.8	3.26 7.4	3.58 8.1	3.85 8.7	5.12 11.6	4.46 10.1	4.62 10.4	44.22 100.0	Inch %
Cochno Filters	385	NS (26) 495737	5.28 10.8	3.76 7.7	3.08 6.3	2.88 5.9	3.03 6.2	3.03 6.2	3.96 8.1	4.45 9.1	4.35 8.9	5.51 11.3	4.74 9.7	4.79 9.8	48.86 100.0	Inch %
Parkhill Filters	242	NS (26) 353736	6.27 12.1	4.16 8.0	3.24 6.2	3.18 6.1	2.98 5.7	2.93 5.7	3.42 6.6	3.93 7.6	4.38 8.4	6.13 11.8	5.62 10.8	5.73 11.0	51.97 100.0	Inch %
Helensburgh	293	NS (26) 303836	6.57 11.4	4.58 7.9	3.66 6.4	3.27 5.7	3.56 6.2	3.39 5.9	4.17 7.2	4.93 8.5	4.84 8.4	6.62 11.5	5.85 10.2	6.15 10.7	57.59 100.0	Inch %
Younger Botanic Garden	40	NS (26) 141856	11.39 12.1	7.80 8.3	6.29 6.7	5.84 6.2	4.94 5.2	5.09 5.4	6.10 6.5	7.12 7.5	8.20 8.7	10.87 11.5	10.00 10.6	10.65 11.3	94.29 100.0	Inch %
Knockdow	101	NS (26) 104706	6.62 10.7	4.61 7.4	3.84 6.2	3.68 6.0	3.90 6.3	3.75 6.1	4.61 7.4	5.36 8.7	5.50 8.9	7.27 11.7	6.34 10.2	6.45 10.4	61.93 100.0	Inch %
Rothesay	150	NS (26) 083649	6.00 10.7	4.08 7.3	3.34 5.9	3.28 5.8	3.49 6.2	3.47 6.2	4.27 7.6	4.80 8.5	5.03 9.0	6.67 11.9	5.84 10.4	5.92 10.5	56.19 100.0	Inch %
Millport	16	NS (26) 174544	5.00 11.1	3.24 7.2	2.77 6.1	2.63 5.8	2.86 6.3	2.74 6.1	3.39 7.5	3.73 8.3	4.13 9.2	5.16 11.4	4.66 10.3	4.83 10.7	45.14 100.0	Inch %

TABLE I. MONTHLY AND ANNUAL AVERAGES OF RAINFALL (INCHES) 1916-1950
SOLWAY, AYRSHIRE AND CLYDE RIVER PURIFICATION BOARD AREAS (continued)

CLYDE (continued)

Station	Alt. (Ft)	N.G.R.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	
Inveraray Castle	40	NN (27) 090098	10.52 12.0	7.19 8.2	5.55 6.3	5.12 5.8	4.68 5.3	5.24 5.9	5.96 6.8	6.95 7.9	8.14 9.2	10.64 12.1	8.89 10.1	9.17 10.4	88.05 100.0	Inch %
Crarae Lodge	20	NR (16) 986973	8.78 11.5	5.89 7.7	4.62 6.0	4.64 6.1	3.97 5.2	4.48 5.8	5.53 7.2	6.14 8.0	7.22 9.4	8.99 11.7	7.93 10.4	8.46 11.0	76.65 100.0	Inch %
Ardrishaig	48	NR (16) 852853	7.75 11.2	5.35 7.7	4.18 6.1	4.11 5.9	3.64 5.3	4.06 5.9	4.74 6.9	5.47 7.9	6.35 9.2	8.43 12.2	7.46 10.8	7.50 10.9	69.04 100.0	Inch %

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations
Solway, Ayrshire and Clyde Purification Board Areas

SOLWAY

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (Inches)
Kiddamhill	NT (36) 209024	905	7.98	4.81	4.15	3.95	4.02	4.21	5.33	5.79	5.66	6.96	6.36	6.64	65.86
Monkinshaw Knowe	NY (35) 217996	1054	8.19	4.98	4.30	4.16	4.16	4.37	5.59	6.01	5.87	7.17	6.55	6.89	68.24
Johnstone House	NT (36) 246001	650	7.05	4.29	3.70	3.58	3.58	3.76	4.81	5.17	5.05	6.17	5.64	5.93	58.73
Garwaldshields	NY (35) 194997	941	7.58	4.57	3.94	3.76	3.82	4.01	5.13	5.51	5.38	6.63	6.01	6.26	62.60
Cairn Knowe	NY (35) 199971	1060	7.78	4.69	4.05	3.86	3.92	4.11	5.27	5.66	5.53	6.81	6.17	6.43	64.28
Craigcleuch	NY (35) 343867	490	6.73	4.11	3.64	3.58	3.64	3.99	5.43	5.90	5.37	6.20	5.43	5.60	59.62
Newcastleton Forest	NY (35) 504878	625	5.66	3.65	3.29	3.24	3.24	3.55	4.75	5.26	4.80	5.31	4.65	4.80	52.20
Winterhope	NY (35) 273823	570	6.06	3.86	3.42	3.30	3.47	3.81	5.21	5.54	5.04	5.82	5.15	5.32	56.00
Springkell	NY (35) 255751	300	4.75	3.08	2.72	2.63	2.81	3.17	4.39	4.57	4.21	4.66	4.07	4.21	45.27
Cran Loch	NY (35) 005938	1100	7.31	4.49	3.81	3.56	3.87	3.69	5.16	5.35	5.22	6.51	6.14	6.33	61.44
Parkgate, Gubhill	NX (25) 972918	538	6.72	4.11	3.61	3.27	3.49	3.33	4.62	4.68	4.79	6.14	5.69	5.92	56.37
Jock's Shoulder	NT (36) 177021	1757	8.84	5.19	4.61	4.39	4.53	4.61	6.00	6.43	6.29	7.75	7.02	7.46	73.12
Dalton Green	NY (35) 123740	200	4.81	2.84	2.75	2.44	2.80	3.02	4.22	4.53	3.95	4.76	4.13	4.18	44.43
Bank Colliery	NS (26) 595114	741	6.23	3.96	3.33	3.11	3.06	3.17	3.85	4.17	4.75	5.97	5.49	5.71	52.80
Afton Water	NS (26) 637024	1525	11.06	6.97	5.79	5.25	5.25	5.25	6.16	6.79	7.88	10.32	9.51	10.32	90.55
Alwhat Burn	NS (26) 642029	1435	10.78	6.80	5.65	5.12	5.12	5.12	6.00	6.62	7.68	10.06	9.27	10.06	88.28
Montraw	NS (26) 639035	1372	10.18	6.43	5.34	4.84	4.84	4.84	5.68	6.26	7.26	9.52	8.77	9.52	83.48
Green Burn	NS (26) 633035	1415	11.14	7.03	5.84	5.30	5.30	5.30	6.21	6.85	7.94	10.41	9.59	10.41	91.32
Afton Filters	NS (26) 630050	1275	10.13	6.41	5.33	4.83	4.83	4.83	5.66	6.24	7.24	9.49	8.74	9.49	83.22
Kirkconnel	NS (26) 735123	530	6.01	3.77	3.12	3.02	2.87	2.87	3.67	3.72	4.31	5.61	5.16	5.45	49.58
Euchanhead	NS (26) 683057	1370	9.77	5.97	5.16	4.92	4.68	4.68	5.73	6.13	7.02	9.04	8.31	9.28	80.69
Poltallan Burn	NS (26) 692075	1550	8.90	5.44	4.70	4.48	4.26	4.26	5.22	5.58	6.39	8.23	7.57	8.45	73.48
Blackwood	NX (25) 907870	100	5.42	3.38	2.96	2.69	2.87	2.69	3.75	3.94	3.98	5.00	4.68	4.95	46.31

G.11751/MAL/6/64/100

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations
Solway, Ayrshire and Clyde Purification Board Areas (continued)
SOLWAY (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (Inches)
Glenkiln Res.	NX (25) 851776	450	6.56	4.04	3.70	3.25	3.59	3.30	4.67	5.01	4.95	6.09	5.69	6.09	56.94
Dumfries	NX (25) 980746	140	4.75	2.87	2.74	2.44	2.74	2.65	3.85	3.98	3.72	4.62	4.15	4.28	42.79
Chipperkyle	NX (25) 783687	310	5.70	3.46	3.21	2.85	3.21	2.91	4.11	4.56	4.41	5.36	5.06	5.26	50.10
Corbieton House	NX (25) 795657	175	5.38	3.25	3.01	2.68	3.01	2.73	3.86	4.29	4.14	5.04	4.76	4.94	47.09
Auchencairn	NX (25) 798516	50	5.43	3.31	3.18	2.84	3.19	3.02	4.07	4.66	4.53	5.53	5.12	5.21	50.09
Loch Dee	NX (25) 479792	800	10.75	6.64	5.59	5.33	5.24	4.63	6.20	7.16	7.77	9.71	9.17	9.17	87.36
Craigencallie	NX (25) 504779	740	10.13	6.25	5.26	4.93	4.93	4.36	5.84	6.75	7.32	9.05	8.64	8.80	82.26
Clatteringshaws	NX (25) 554780	585	10.09	6.31	5.33	4.75	5.00	4.35	5.90	6.89	7.13	8,94	8.53	8.77	81.99
Cornharrow	NX (25) 668928	810	7.21	4.46	3.76	3.35	3.40	3.35	4.17	4.52	5.16	6.55	6.09	6.67	58.69
Laggan of Dee	NX (25) 573746	550	8.78	5.49	4.64	4.14	4.35	3.79	5.14	6.00	6.21	7.78	7.43	7.64	71.39
Kendoon	NX (25) 615884	520	6.74	4.16	3.51	3.08	3.13	3.02	3.78	4.10	4.70	6.05	5.61	6.10	53.98
Moor	NS (26) 570036	790	8.48	5.15	4.27	3.79	3.73	3.93	4.74	5.15	6.03	7.80	7.11	7.59	67.77
Knockengarroch	NX (25) 556971	740	7.24	4.43	3.67	3.32	3.27	3.38	4.08	4.37	5.19	6.72	6.12	6.53	58.32
Drumjohn	NX (25) 524976	746	6.77	4.16	3.49	3.21	3.10	3.27	3.99	4.21	5.04	6.38	5.76	6.05	55.43
Carsphairn	NX (25) 561934	590	7.42	4.54	3.77	3.47	3.47	3.47	4.18	4.54	5.32	6.75	6.27	6.57	59.77
Forrest Lodge	NX (25) 555866	500	9.31	5.74	4.77	4.40	4.40	4.17	5.14	5.67	6.56	8.35	7.83	8.20	74.54
Garroch	NX (25) 593810	250	7.91	4.97	4.20	3.61	3.93	3.48	4.65	5.16	5.35	7.16	6.83	7.22	64.47
Glenlee	NX (25) 606805	181	7.38	4.63	3.91	3.36	3.66	3.24	4.33	4.81	4.99	6.67	6.37	6.73	60.08
Glenlochar Barrage	NX (25) 732646	154	5.41	3.35	3.07	2.73	3.07	2.78	3.79	4.31	4.22	5.17	4.94	5.08	47.92
Threave	NX (25) 751607	240	5.66	3.43	3.23	2.88	3.23	2.98	4.29	4.64	4.49	5.45	5.05	5.15	50.48
Roberton	NX (25) 600486	50	4.61	2.76	2.56	2.31	2.64	2.39	3.29	3.65	3.61	4.47	4.14	4.18	40.61
Bargrennan	NX (25) 361789	360	6.97	4.28	3.75	3.63	3.45	3.33	4.40	4.88	5.47	6.72	6.19	6.42	59.49
Palnure	NX (25) 452646	50	6.21	3.91	3.43	3.00	3.32	3.00	4.01	4.50	4.71	6.05	5.67	5.73	53.54

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations Solway, Ayrshire and Clyde Purification Board Areas (continued)

SOLWAY (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (Inches)
Craichlaw	NX (25) 306610	300	5.90	3.63	3.23	2.82	3.17	2.87	3.84	4.30	4.71	5.68	5.43	5.63	51.21
Culderry	NX (25) 476467	25	4.86	2.84	2.63	2.34	2.67	2.42	3.26	3.55	3.72	4.73	4.39	4.39	41.80
Galloway House	NX (25) 474455	20	4.88	2.90	2.69	2.39	2.73	2.52	3.33	3.67	3.80	4.83	4.48	4.48	42.70
Monreith	NX (25) 361433	145	4.74	2.75	2.58	2.30	2.62	2.42	3.12	3.49	3.77	4.59	4.31	4.32	41.01
Camrie Farm	NX (25) 201600	352	5.61	3.49	3.18	2.78	3.18	2.93	3.84	4.24	4.70	5.61	5.36	5.61	50.53
Dunragit Res.	NX (25) 152587	341	5.02	3.04	2.82	2.46	2.82	2.64	3.40	3.81	4.07	4.97	4.75	4.97	44.77
West Freugh	NX (25) 108544	52	4.51	2.72	2.44	2.20	2.52	2.36	3.04	3.36	3.67	4.47	4.23	4.43	39.95
Stranraer Filters	NX (25) 036619	227	5.48	3.36	3.16	2.71	3.16	3.11	3.91	4.27	4.72	5.52	5.32	5.48	50.20
Castle Kennedy	NX (25) 113607	85	5.22	3.20	2.97	2.59	2.97	2.83	3.58	3.96	4.38	5.23	4.95	5.22	47.10
					AYRSHIRE										
Ballantrae	NX (25) 086825	15	4.86	2.93	2.67	2.32	2.67	2.71	3.37	3.67	4.11	4.95	4.59	4.90	43.75
Penwhapple Res.	NX (25) 257969	662	6.01	3.69	3.36	3.14	3.25	3.31	4.12	4.50	5.10	6.14	5.64	5.96	54.22
Turnberry	NS (26) 203062	25	4.62	2.82	2.61	2.31	2.56	2.61	3.32	3.53	3.95	4.75	4.37	4.58	42.03
Culzean Castle	NS (26) 231098	138	4.68	2.90	2.77	2.64	2.73	2.77	3.29	3.64	4.07	4.94	4.33	4.59	43.35
Starr	NX (25) 482937	800	7.76	4.55	4.04	3.91	3.59	3.91	4.61	4.87	5.90	7.37	6.67	6.92	64.10
Loch Recawr	NX (25) 441938	933	9.08	5.33	4.73	4.58	4.20	4.58	5.41	5.71	6.91	8.63	7.81	8.11	75.08
Mossdale Filters	NS (26) 495043	752	6.13	3.92	3.24	3.03	2.93	3.14	3.87	4.13	4.87	5.97	5.44	5.65	52.32
Ardoon	NS (26) 441086	686	5.77	3.59	3.14	2.89	2.99	3.09	3.80	4.15	4.76	5.77	5.26	5.41	50.62
Kerse Filters	NS (26) 425131	741	6.24	3.90	3.51	3.23	3.34	3.45	4.35	4.62	5.24	6.41	5.68	5.74	55.71
Knockjarder Waterworks	NS (26) 354151	287	4.69	2.95	2.64	2.43	2.69	2.82	3.47	3.73	4.12	4.95	4.33	4.51	43.33
Otterden House	NS (26) 308146	364	4.93	3.08	2.76	2.53	2.81	2.94	3.67	3.85	4.25	5.26	4.48	4.71	45.27
Doonholm	NS (26) 338175	90	4.78	3.01	2.70	2.43	2.79	2.87	3.72	3.80	4.20	5.14	4.29	4.51	44.24
Kaimeshill	NS (26) 696266	750	5.34	3.51	3.03	2.98	2.79	3.03	3.61	3.99	4.42	5.48	5.00	4.91	48.09

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations
Solway, Ayrshire and Clyde Purification Board Areas (continued)

AYRSHIRE (continued

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (Inches)
Hillhead Water Tank	NS (26) 494283	564	4.82	3.17	2.77	2.50	2.63	2.86	3.53	3.88	4.29	5.18	4.46	4.55	44.64
Auchincruive	NS (26) 389236	147	4.18	2.68	2.41	2.17	2.52	2.60	3.35	3.47	3.75	4.50	3.83	3.98	39.44
Ladykirk Filters	NS (26) 388270	185	4.04	2.62	2.36	2.13	2.40	2.47	3.19	3.35	3.61	4.38	3.69	3.80	38.04
Prestwick Airport	NS (26) 358269	30	3.92	2.51	2.25	2.03	2.36	2.44	3.14	3.25	3.51	4.21	3.58	3.73	36.93
Darvel, Burgh Yard	NS (26) 563376	347	4.94	3.31	2.90	2.67	2.85	2.90	3.59	4.05	4.37	5.27	4.71	4.48	46.04
Lanfine	NS (26) 547364	500	5.46	3.67	3.16	2.95	3.11	3.26	3.97	4.48	4.79	5.87	5.25	4.99	50.96
Whiteleehill	NS (26) 546427	915	5.97	4.07	3.41	3.13	3.46	3.41	4.34	4.84	5.17	6.29	5.62	5.28	54.99
Moor Farm	NS (26) 509480	810	6.66	4.45	3.53	3.29	3.64	3.35	4.62	4.97	5.26	6.48	5.89	5.66	57.80
Raithill	NS (26) 483466	640	6.05	4.29	3.41	3.08	3.52	3.25	4.51	4.84	5.01	6.16	5.56	5.33	55.01
Amlaird Filters	NS (26) 483444	590	5.52	3.74	3.13	2.83	3.23	3.08	4.15	4.50	4.75	5.62	5.11	4.90	50.56
North Craig Res.	NS (26) 438412	319	4.94	3.49	2.88	2.61	2.98	2.88	3.91	4.23	4.37	5.17	4.56	4.51	46.53
Loch Goin Res.	NS (26) 534473	865	6.85	4.58	3.69	3.39	3.81	3.51	4.64	5.06	5.42	6.67	6.07	5.83	59.52
Craigendunton Res.	NS (26) 522455	805	6.37	4.23	3.49	3.21	3.61	3.44	4.39	4.90	5.18	6.37	5.74	5.41	56.34
Croilburn	NS (26) 537440	725	5.63	3.93	3.20	2.95	3.25	3.15	4.08	4.55	4.81	5.84	5.27	5.01	51.67
Kilmarnock	NS (26) 421377	115	4.33	2.91	2.58	2.41	2.70	2.70	3.45	3.83	3.90	4.70	4.04	4.04	41.59
Dunlop	NS (26) 412489	480	5.26	3.87	3.07	2.88	3.17	3.07	4.01	4.46	4.46	5.52	4.95	4.86	49.58
Hole House Filters	NS (26) 309560	377	7.59	5.34	4.50	4.15	4.29	4.36	5.48	5.62	6.39	7.92	7.24	7.38	70.26
Beith Filters	NS (26) 371538	412	6.12	4.46	3.54	3.31	3.49	3.43	4.46	5.09	5.26	6.40	5.77	5.83	57.16
Rye Water	NS (26) 253587	1032	8.16	5.24	4.52	4.37	4.37	4.44	5.53	5.90	6.70	8.39	7.50	7.72	72.84
Blair Park	NS (26) 246574	722	7.64	4.91	4.23	4.02	4.16	4.16	5.18	5.59	6.28	7.79	7.03	7.23	68.22
Catburn	NS (26) 255559	1014	7.99	5.13	4.42	4.13	4.35	4.35	5.41	5.84	6.55	8.20	7.34	7.55	71.26
Whitehill	NS (26) 264563	628	7.80	5.06	4.36	4.15	4.29	4.29	5.34	5.76	6.47	8.08	7.24	7.45	70.29
Camphill	NS (26) 275549	611	7.70	5.36	4.37	4.16	4.30	4.30	5.36	5.71	6.49	8.13	7.27	7.41	70.56

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations
Solway, Ayrshire and Clyde Purification Board Areas (continued)

AYRSHIRE (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (Inches)
Haining	NS (26) 264545	895	7.15	5.01	4.09	3.89	4.02	4.02	5.01	5.41	6.07	7.55	6.79	6.97	65.98
Dalry Filters	NS (26) 277501	320	5.86	4.15	3.26	3.15	3.49	3.43	4.48	4.81	5.20	6.26	5.59	5.64	55.32
Knockendon	NS (26) 240524	750	6.50	4.33	3.67	3.49	3.79	3.67	4.69	5.17	5.53	6.87	6.13	6.31	60.15
Birkheadsteel	NS (26) 245503	520	6.54	4.32	3.60	3.48	3.78	3.66	4.80	5.22	5.58	6.90	6.00	6.12	60.00
Montgreenan	NS (26) 344443	180	5.01	3.55	2.79	2.70	3.03	2.93	3.88	4.35	4.45	5.31	4.68	4.64	47.32
Ravenspark Hospital	NS (26) 309407	24	4.37	2.90	2.41	2.29	2.61	2.57	3.39	3.72	3.85	4.66	4.05	4.05	40.87
Ardrossan Filters	NS (26) 235444	167	4.66	3.13	2.52	2.48	2.79	2.70	3.57	3.83	4.09	5.01	4.31	4.44	43.53
Busbie Res.	NS (26) 239463	370	5.15	3.43	2.76	2.72	3.05	2.95	3.86	4.19	4.48	5.48	4.72	4.86	47.65
Middleton Filters	NS (26) 215624	230	6.00	3.81	3.23	3.04	3.13	3.18	3.86	4.23	4.69	6.00	5.37	5.63	52.17
						CLYDE									
South Routenburn	NS (26) 196615	150	5.18	3.32	2.86	2.67	2.81	2.81	3.46	3.87	4.15	5.36	4.75	4.89	46.13
Kelly Dam	NS (26) 221684	640	7.81	4.96	4.09	3.71	3.81	3.73	4.62	5.14	5.99	8.08	6.90	7.01	65.85
Knockencorsan	NS (26) 249682	1040	7.98	5.29	4.33	4.05	4.12	4.12	5.22	5.36	6.05	7.69	7.08	7.42	68.71
Largs Road	NS (26) 242686	910	8.48	5.45	4.46	4.18	4.11	4.18	5.10	5.52	6.23	8.14	7.29	7.64	70.78
Compensation Res.	NS (26) 248723	600	8.20	5.23	4.29	3.89	3.89	3.82	4.70	5.03	5.83	7.79	6.98	7.44	67.09
Larkfield Filters	NS (26) 245761	338	7.72	4.88	4.00	3.63	3.63	3.57	4.25	4.69	5.51	7.26	6.51	6.95	62.60
Spange Burn	NS (26) 240732	757	8.66	5.53	4.54	4.11	4.11	4.04	4.97	5.32	6.17	8.24	7.38	7.87	70.94
Thick Cleuch	NS (26) 952021	1485	9.90	6.10	5.27	4.86	5.11	4.86	6.51	6.84	6.92	8.91	8.32	8.82	82.42
Daerhead	NS (26) 964030	1304	10.23	6.31	5.46	5.03	5.29	5.03	6.82	6.99	7.16	9.21	8.61	9.12	85.26
Lower Carsehope	NS (26) 963048	1180	9.71	5.98	5.17	4.77	5.01	4.69	6.47	6.71	6.79	8.74	8.17	8.65	80.86
Upper Carsehope	NS (26) 939040	1600	10.05	6.19	5.35	4.93	5.19	4.85	6.61	6.94	7.11	9.03	8.45	8.95	83.65
New Kirkhope	NS (26) 963055	1170	9.48	5.84	5.05	4.66	4.89	4.58	6.23	6.55	6.71	8.52	7.97	8.44	78.92
New Crookburn	NS (26) 966056	1163	10.11	6.24	5.39	4.97	5.23	4.89	6.66	6.99	7.16	9.11	8.51	9.02	84.28

G.11751/MAL/6/64/100

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations
Solway, Ayrshire and Clyde Purification Board Areas (continued)

CLYDE (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (inches)
Whiteholm	NS (26) 948036	1360	9.96	6.14	5.31	4.81	5.14	4.89	6.63	6.88	7.05	8.96	8.37	8.79	82.93
Lamb Sike	NS (26) 978044	1310	9.66	5.95	5.15	4.67	4.99	4.75	6.44	6.68	6.84	8.69	8.05	8.61	80.43
Kirkhope Cleuch	NS (26) 954069	1350	10.09	6.21	5.37	4.95	5.21	4.87	6.63	6.97	7.14	9.16	8.48	8.90	83.98
White Burn	NS (26) 997060	1250	9.54	5.87	5.08	4.60	4.92	4.60	6.35	6.59	6.75	8.58	8.02	8.49	79.39
Sweetshaw Burn	NS (26) 983090	1152	8.52	5.25	4.54	4.19	4.40	4.12	5.61	5.89	6.03	7.73	7.17	7.52	70.97
Garls Craig	NS (26) 976092	985	8.56	5.28	4.57	4.21	4.42	4.14	5.63	5.92	6.06	7.78	7.21	7.56	71.34
Hitteril	NS (26) 963099	950	8.16	5.03	4.35	4.15	4.22	3.95	5.31	5.65	5.78	7.41	6.80	7.21	68.02
Potrenick Burn	NS (26) 934101	1004	8.07	4.97	4.30	4.16	4.16	3.90	4.97	5.58	5.64	7.40	6.85	7.19	67.19
Peden Res.	NS (26) 942123	964	8.09	4.99	4.31	4.18	4.24	3.97	4.99	5.59	5.66	7.41	6.80	7.14	67.37
Risingclaw	NT (36) 036199	1610	7.61	4.83	4.06	3.99	4.06	3.74	4.77	5.41	5.41	7.15	6.57	6.83	64.43
Peat Rig	NT (36) 013209	1485	7.34	4.66	3.91	3.85	3.91	3.60	4.60	5.22	5.22	6.90	6.34	6.59	62.14
Whitecamp	NT (36) 029214	1155	6.50	4.10	3.44	3.39	3.44	3.17	3.99	4.59	4.59	6.12	5.52	5.79	54.64
Kneesend	NT (36) 013225	1205	6.29	3.97	3.33	3.28	3.33	3.12	3.86	4.44	4.55	5.87	5.34	5.50	52.88
Hillshaw	NT (36) 042252	1805	6.78	4.35	3.65	3.59	3.65	3.42	4.23	4.92	5.04	6.43	5.85	6.03	57.94
Linnburn	NT (36) 022253	1210	6.24	4.00	3.36	3.30	3.36	3.14	3.89	4.53	4.63	5.91	5.38	5.54	53.28
Camps Res.	NS (26) 997226	969	5.44	3.44	2.89	2.84	2.89	2.70	3.34	3.85	3.85	5.09	4.63	4.86	45.82
Leadhills	NS (26) 888153	1270	7.77	4.90	4.12	4.05	3.99	3.79	4.90	5.36	5.55	7.19	6.67	7.06	65.35
Cowgill Res.	NT (36) 009288	1012	4.99	3.33	2.67	2.72	2.76	2.63	3.46	3.86	3.86	4.78	4.43	4.34	43.83
Carnwath	NS (26) 980462	706	3.76	2.49	2.00	2.04	2.31	2.14	2.80	3.25	3.25	3.83	3.35	3.31	34.53
Monksfoot	NS (26) 787286	780	5.66	3.70	3.10	3.10	2.90	3.05	3.85	4.15	4.60	5.76	5.15	5.00	50.02
Bonnington Weir	NS (26) 887407	572	3.76	2.48	2.11	2.04	2.11	2.17	2.79	3.17	3.24	3.84	3.45	3.35	34.51
Stonebyres Weir	NS (26) 855442	306	3.57	2.36	2.01	1.94	2.01	2.06	2.65	3.01	3.08	3.65	3.28	3.18	32.80
Dunside Res.	NS (26) 748372	1002	5.80	3.87	3.23	3.33	3.17	3.39	4.14	4.62	5.05	6.23	5.59	5.32	53.74

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations
Solway, Ayrshire and Clyde Purification Board Areas (continued)

CLYDE (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (inches)
Carluke	NS (26) 841506	630	3.70	2.41	2.00	1.97	2.21	2.10	2.75	3.23	3.23	3.73	3.33	3.29	33.95
Gair Res.	NS (26) 857535	665	3.57	2.37	1.91	1.91	2.11	2.08	2.71	3.13	3.10	3.77	3.20	3.13	32.99
Glengavel Res.	NS (26) 663351	839	5.98	3.99	3.38	3.38	3.27	3.49	4.26	4.76	5.20	6.42	5.76	5.48	55.37
Kype Res.	NS (26) 735387	941	5.83	3.85	3.26	3.26	3.21	3.37	4.23	4.71	5.03	6.05	5.51	5.19	53.50
Motherwell (Elvan St.)	NS (26) 748570	175	3.93	2.55	2.09	2.02	2.33	2.23	2.83	3.40	3.25	3.93	3.50	3.33	35.39
Shotts Res.	NS (26) 885603	812	4.43	2.91	2.38	2.42	2.79	2.58	3.61	4.03	3.90	4.43	3.86	3.69	41.03
Wishaw, Coronation St.	NS (26) 810552	510	3.71	2.43	1.96	1.96	2.26	2.13	2.77	3.24	3.14	3.75	3.27	3.14	33.76
Roughrigg Res.	NS (26) 804639	664	4.18	2.85	2.27	2.27	2.69	2.46	3.24	4.02	3.63	4.27	3.67	3.51	39.06
Whifflet Park	NS (26) 740637	295	3.96	2.65	2.11	2.11	2.47	2.29	3.02	3.49	3.42	3.96	3.53	3.34	36.35
Coatbridge	NS (26) 708646	256	3.78	2.58	2.09	2.01	2.40	2.23	3.04	3.43	3.29	3.82	3.43	3.25	35.35
Rutherglen, Kingsknowe Drive	NS (26) 603608	100	4.75	3.15	2.68	2.55	2.85	2.68	3.41	3.89	3.89	4.71	4.27	4.36	43.19
Kilsyth S.Wks.	NS (26) 716779	135	5.48	3.89	2.99	2.89	3.29	2.99	3.89	4.73	4.54	5.58	4.79	4.79	49.85
Lennoxtown	NS (26) 629788	320	6.24	4.47	3.45	3.23	3.68	3.40	4.42	5.27	5.15	6.34	5.61	5.38	56.64
Mugdock Res.	NS (26) 558755	320	5.50	3.82	3.16	3.01	3.31	3.16	4.13	4.74	4.69	5.64	4.89	4.89	50.94
Glasgow, Springburn	NS (26) 610685	351	4.22	2.87	2.47	2.31	2.71	2.59	3.31	3.71	3.59	4.46	3.79	3.82	39.85
Glasgow, Botanic Gds	NS (26) 568675	131	4.36	3.01	2.49	2.33	2.69	2.49	3.17	3.61	3.69	4.39	3.93	3.93	40.09
Upper Calder	NS (26) 265647	1337	11.06	7.09	5.86	5.58	5.58	5.67	7.18	7.37	8.60	10.77	9.73	10.01	94.50
Calder Water, Barytes Mine	NS (26) 283650	1008	10.91	7.18	5.87	5.50	5.31	5.50	6.80	7.18	8.29	10.90	9.69	10.06	93.19
Calder Dam	NS (26) 295653	918	11.25	7.34	6.00	5.62	5.43	5.62	6.96	7.24	8.48	11.14	9.91	10.30	95.29
Queenside Loch	NS (26) 294643	1260	11.41	7.51	6.15	5.76	5.66	5.76	7.12	7.42	8.78	11.42	10.15	10.44	97.58
Calder Water, Muirshiel Mill	NS (26) 310633	782	9.79	6.69	5.25	5.25	4.91	4.99	6.27	6.61	7.87	9.57	8.47	8.98	84.65
White Grain Burn	NS (26) 279633	1437	11.10	7.31	5.98	5.60	5.51	5.60	6.93	7.31	8.45	11.11	9.87	10.16	94.93

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations Solway, Ayrshire and Clyde Purification Board Areas (continued)

CLYDE (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (inches)
Kaim Dam	NS (26) 347621	616	9.07	6.37	4.96	4.80	4.64	4.64	5.82	6.14	7.08	8.90	8.03	8.26	78.71
Springside	NS (26) 404578	532	6.66	4.72	3.66	3.42	3.60	3.48	4.48	4.84	5.31	6.67	6.02	6.14	59.00
Lochwinnoch Works	NS (26) 356588	95	7.18	5.12	4.03	3.78	3.78	3.84	4.80	5.06	5.89	7.24	6.59	6.72	64.03
Glentyan House	NS (26) 395631	300	7.06	5.04	3.93	3.69	3.63	3.63	4.43	4.92	5.41	6.93	6.21	6.58	61.46
Kilmacolm	NS (26) 358691	243	7.25	4.77	3.86	3.74	3.50	3.50	4.16	4.77	5.31	6.88	6.10	6.52	60.36
Creuch Hill	NS (26) 267688	1350	10.10	6.65	5.50	4.91	4.79	4.71	5.71	6.29	7.32	9.85	8.69	9.09	83.61
Duchal Moor	NS (26) 282667	1150	9.76	6.51	5.26	5.01	4.84	4.92	6.01	6.43	7.51	9.60	8.59	9.01	83.45
Ranfurly	NS (26) 389652	290	7.23	5.10	3.98	3.73	3.61	3.61	4.48	4.98	5.48	7.10	6.29	6.66	62.25
Dunwan Res. No. 3	NS (26) 551487	822	6.79	4.49	3.63	3.28	3.68	3.39	4.43	4.83	5.24	6.33	5.81	5.64	57.54
Dunwan Res. No. 4	NS (26) 542492	841	6.82	4.47	3.61	3.27	3.61	3.38	4.41	4.87	5.22	6.31	5.79	5.56	57.32
Dunwan Res. No. 2	NS (26) 555497	820	6.76	4.52	3.71	3.30	3.65	3.42	4.46	4.87	5.27	6.35	5.90	5.73	57.94
Picketlaw Res. No. 1	NS (26) 567516	690	6.68	4.45	3.59	3.31	3.53	3.36	4.27	4.96	5.13	6.33	5.70	5.70	57.01
Thorntonhall	NS (26) 590555	453	5.16	3.46	2.86	2.67	2.95	2.81	3.55	4.06	4.15	5.07	4.66	4.70	46.10
Linn Park	NS (26) 582592	164	4.71	3.23	2.60	2.43	2.69	2.56	3.27	3.69	3.73	4.57	4.24	4.24	41.96
Neilston Filters	NS (26) 475564	561	6.67	4.65	3.61	3.32	3.56	3.32	4.36	4.76	5.05	6.42	5.86	5.81	57.39
Barrhead	NS (26) 511601	97	5.29	3.55	2.91	2.64	2.87	2.69	3.46	3.78	3.96	5.05	4.60	4.73	45.53
Thornly Park School	NS (26) 487613	195	5.92	3.95	3.29	2.98	3.18	2.98	3.90	4.31	4.52	5.70	5.24	5.39	51.36
Stanely Res.	NS (26) 469616	190	5.90	3.93	3.18	2.93	3.13	2.93	3.78	4.19	4.39	5.65	5.10	5.35	50.46
Dumbarton S. Wks.	NS (26) 407745	11	5.44	3.60	2.87	2.73	2.82	2.73	3.19	4.07	3.97	5.27	4.53	4.99	46.21
Allt-Nan-Caorrunn	NN (27) 278222	1200	14.88	10.35	7.61	7.25	6.42	6.30	7.73	8.80	9.87	14.03	12.13	13.56	118.93
Dubh Eas	NN (27) 291203	1210	15.30	10.65	7.83	7.46	6.61	6.49	7.95	9.05	10.16	14.44	12.48	13.95	122.37

G.11916/MAL/8/64/100

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations Solway, Ayrshire and Clyde Purification Board Areas (continued)

CLYDE (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (inches)
Lairig Arnan	NN (27) 295182	1115	15.74	10.95	8.05	7.68	6.80	6.67	8.18	9.31	10.45	14.85	12.84	14.35	125.87
Ardvorlich	NN (27) 315116	1123	15.64	10.39	8.01	7.63	6.76	6.63	8.13	9.26	10.39	14.77	12.77	14.27	125.15
Sloy Power Sta.	NN (27) 324099	40	13.08	9.03	6.69	6.16	5.95	5.63	7.12	8.29	9.03	12.44	10.84	12.01	106.27
Cam Allt	NN (27) 286143	1600	16.27	11.36	8.06	7.53	8.19	6.87	8.98	9.77	11.36	15.45	13.47	14.79	132.10
Allt a' Chnoic	NN (27) 255140	1349	16.07	11.15	7.91	7.39	8.03	6.74	8.81	9.46	11.15	15.16	13.22	14.52	129.61
Beinn Ime, North	NN (27) 266093	1533	17.24	11.95	8.47	7.92	8.61	7.23	9.31	10.14	11.95	16.26	14.31	15.56	138.95
Corriearklet	NN (27) 302099	950	11.04	7.71	5.56	5.11	5.38	4.66	6.01	6.99	7.53	10.49	9.15	10.04	89.67
Endrick Weir South	NS (26) 682867	780	6.94	4.91	3.87	3.68	3.93	3.56	4.60	5.52	5.52	6.70	6.07	6.07	61.37
Fintry	NS (26) 616867	300	6.90	4.73	3.65	3.59	3.65	3.59	4.37	5.45	5.33	6.60	5.99	6.06	59.91
Old Ballikinrain	NS (26) 559879	214	5.95	4.03	3.21	3.16	3.21	3.16	3.78	4.66	4.60	5.74	5.07	5.17	51.74
Blanefield	NS (26) 555796	250	6.13	4.31	3.43	3.37	3.43	3.43	4.31	5.03	5.03	6.08	5.36	5.36	55.27
Whistlefield Filters	NS (26) 237925	295	8.62	6.15	4.56	4.41	4.20	3.98	4.70	5.64	6.37	8.33	7.45	7.96	72.37
Allt a Bhalachain	NN (27) 279051	1150	16.42	11.34	8.41	7.61	7.74	7.07	8.67	10.54	11.61	15.61	13.61	14.81	133.44
Glenbranter	NS (26) 109972	120	11.41	7.82	6.13	5.94	4.90	5.18	6.13	7.16	8.30	11.03	9.80	10.46	94.26
Benmore, Forestry Sch.	NS (26) 133853	46	11.07	7.44	6.04	5.58	4.84	5.30	6.42	7.16	8.18	10.88	9.76	10.32	92.99
Ardnadam	NS (26) 157803	26	9.57	6.46	5.11	4.87	4.39	4.47	5.19	6.07	6.94	9.34	8.38	9.02	79.81
Glen Tarsan	NS (26) 070833	385	10.50	7.00	5.51	5.51	5.07	4.98	5.77	6.56	7.61	10.14	9.01	9.79	87.45
Lochstriven Power Sta.	NS (26) 056839	13	10.13	6.83	5.31	5.31	4.89	4.81	5.57	6.33	7.42	9.79	8.60	9.36	84.35
Dhu Loch Waterworks	NS (26) 071624	273	5.67	3.84	3.06	3.11	3.17	3.17	3.84	4.26	4.72	6.08	5.45	5.55	51.92
Garvie Farm	NS (26) 037904	140	10.54	6.87	5.39	5.39	4.96	4.96	5.66	6.44	7.83	10.28	8.96	9.75	87.03
Ormidale	NS (26) 002817	50	9.46	6.47	5.09	5.09	4.53	4.61	5.33	6.06	7.27	9.54	8.33	9.05	80.83
Ardlamont	NR (16) 991654	110	5.07	3.45	2.86	2.72	2.68	2.68	3.27	3.54	4.08	5.26	4.72	5.04	45.37

TABLE II. Monthly and Annual Averages of Rainfall, 1916-1950, Estimated for Short-Term Stations Solway, Ayrshire and Clyde Purification Board Areas (continued)

CLYDE (continued)

Station	N.G.R.	Height (Feet)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year (inches)
Lephinmore	NR (16) 985926	30	8.25	5.50	4.44	4.30	3.87	3.87	4.86	5.57	6.41	8.25	7.33	7.82	70.47
Barnacarry	NS (26) 001943	44	8.24	5.49	4.43	4.29	3.94	3.80	4.86	5.49	6.48	8.24	7.32	7.82	70.40
Ardkinglas House	NN (27) 175104	27	10.49	7.30	5.41	4.98	4.64	4.55	5.76	6.53	7.47	10.41	8.85	9.54	85.93
Beinn Chorranach	NN (27) 264104	1340	17.96	12.56	9.35	8.47	8.03	7.74	9.49	10.66	12.70	17.38	15.19	16.50	146.03
Allt Uaine	NN (27) 263113	1123	16.41	11.47	8.54	7.74	7.34	7.07	8.67	9.74	11.60	16.00	13.74	15.07	133.39
Upper Glen Fyne	NN (27) 236213	1151	14.83	10.49	7.71	7.35	6.51	6.27	7.83	8.80	10.13	14.46	12.54	13.62	120.54
Allt Na Lairige	NN (27) 252171	1075	15.85	10.99	8.18	7.80	6.90	6.65	8.31	9.33	10.74	15.34	13.30	14.47	127.86
Glenfyne Lodge	NN (27) 220155	126	12.36	8.64	6.43	6.03	5.43	5.32	6.63	7.33	8.64	12.06	10.35	11.25	100.47
Sron-Mhor	NN (27) 169208	1194	12.18	8.65	6.44	6.24	5.43	5.23	6.64	7.65	8.55	12.17	10.36	11.07	100.61
Shira Main Dam	NN (27) 161203	1123	12.05	8.56	6.37	6.17	5.37	5.17	6.57	7.56	8.46	12.05	10.25	10.95	99.53
Brannie Burn	NN (27) 165150	1370	12.54	8.98	6.69	6.27	5.64	5.43	7.00	7.94	9.09	12.53	10.76	11.59	104.46
Ellerigbeg	NN (27) 135145	29	10.42	7.45	5.61	5.17	4.73	4.64	5.96	6.75	7.71	10.51	9.02	9.64	87.61
Stronachullin	NR (16) 850799	50	8.77	6.06	4.73	4.65	4.12	4.60	5.37	6.19	7.19	9.54	8.45	8.49	78.16

Table III. Accumulated Mean Daily Rainfall, in inches, 1916-1950

ESKDALEMUIR

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	.33	7.80	12.29	16.26	19.97	23.85	27.84	32.84	38.44	43.69	50.29	56.22
2	.64	7.99	12.40	16.43	20.06	23.96	27.95	33.02	38.57	43.84	50.54	56.47
3	.90	8.19	12.55	16.54	20.15	24.09	28.16	33.11	38.76	44.03	50.85	56.65
4	1.18	8.37	12.65	16.64	20.28	24.28	28.35	33.21	39.05	44.24	51.15	56.88
5	1.38	8.65	12.86	16.76	20.43	24.38	28.52	33.33	39.15	44.54	51.38	57.06
6	1.64	8.82	12.95	16.83	20.60	24.58	28.67	33.48	39.31	44.73	51.51	57.34
7	1.91	8.97	13.06	17.00	20.70	24.62	28.88	33.67	39.49	44.98	51.70	57.52
8	2.19	9.26	13.19	17.09	20.81	24.75	28.97	33.83	39.63	45.22	51.89	57.71
9	2.55	9.44	13.29	17.20	20.87	24.85	29.12	34.00	39.76	45.54	52.05	57.89
10	2.83	9.62	13.37	17.37	21.00	24.99	29.33	34.22	39.98	45.78	52.24	58.05
11	3.05	9.80	13.46	17.52	21.12	25.10	29.46	34.41	40.07	45.97	52.45	58.24
12	3.34	9.96	13.59	17.67	21.27	25.16	29.60	34.63	40.25	46.15	52.65	58.38
13	3.51	10.04	13.66	17.81	21.44	25.26	29.82	34.80	40.45	46.38	52.85	58.58
14	3.77	10.18	13.71	17.96	21.59	25.40	29.95	34.99	40.65	46.49	53.05	58.77
15	3.94	10.42	13.80	18.13	21.72	25.55	30.04	35.16	40.86	46.68	53.17	58.91
16	4.17	10.53	14.01	18.30	21.90	25.75	30.18	35.38	41.15	46.86	53.26	59.14
17	4.45	10.59	14.14	18.44	22.01	25.86	30.33	35.59	41.39	47.10	53.44	59.36
18	4.67	10.69	14.36	18.54	22.10	26.03	30.50	35.78	41.53	47.23	53.66	59.58
19	4.87	10.87	14.55	18.67	22.22	26.14	30.63	35.88	41.72	47.40	53.84	59.74
20	5.13	10.97	14.72	18.76	22.33	26.29	30.79	36.13	41.89	47.53	54.00	59.95
21	5.33	11.16	14.83	18.87	22.42	26.43	30.94	36.36	42.12	47.75	54.22	60.17
22	5.54	11.30	14.94	19.06	22.61	26.58	31.10	36.49	42.31	47.97	54.48	60.36
23	5.79	11.36	15.00	19.23	22.71	26.67	31.22	36.66	42.42	48.25	54.80	60.52
24	6.12	11.46	15.10	19.40	22.79	26.77	31.39	36.79	42.56	48.52	55.03	60.69
25	6.35	11.61	15.19	19.55	22.90	26.86	31.53	37.02	42.75	48.78	55.20	60.95
26	6.54	11.80	15.33	19.65	23.03	26.97	31.72	37.19	42.90	49.01	55.37	61.20
27	6.69	11.99	15.44	19.76	23.18	27.13	31.89	37.41	43.03	49.23	55.52	61.36
28	6.90	12.07	15.57	19.82	23.31	27.38	32.09	37.60	43.17	49.40	55.65	61.63
29	7.12	12.16	15.76	19.87	23.39	27.52	32.31	37.80	43.29	49.66	55.80	61.84
30	7.24		15.89	19.92	23.53	27.67	32.52	38.00	43.50	49.88	56.01	62.10
31	7.56		16.12		23.70		32.67	38.17		50.04		62.27

G.11751/M.L/6/64/100

Table III. Accumulated Mean Daily Rainfall, in inches, 1916-1950

RUTHWELL

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	.14	4.02	6.30	8.59	10.56	12.93	15.51	18.92	22.92	26.16	30.13	33.51
2	.25	4.14	6.35	8.67	10.60	13.02	15.57	19.03	23.04	26.25	30.28	33.63
3	.38	4.24	6.43	8.73	10.68	13.09	15.69	19.09	23.17	26.37	30.39	33.71
4	.52	4.31	6.53	8.81	10.78	13.19	15.78	19.20	23.35	26.53	30.55	33.89
5	.59	4.43	6.61	8.87	10.89	13.26	15.89	19.29	23.40	26.71	30.68	34.00
6	.71	4.54	6.65	8.91	10.99	13.35	16.00	19.40	23.52	26.81	30.75	34.10
7	.82	4.62	6.74	8.96	11.03	13.41	16.14	19.53	23.60	26.97	30.86	34.21
8	.95	4.73	6.81	9.03	11.08	13.47	16.23	19.71	23.67	27.13	30.95	34.30
9	1.12	4.85	6.86	9.09	11.14	13.56	16.34	19.85	23.76	27.36	31.03	34.39
10	1.26	4.94	6.90	9.16	11.21	13.62	16.45	19.94	23.87	27.47	31.15	34.49
11	1.37	5.01	6.96	9.23	11.29	13.66	16.55	20.07	23.92	27.60	31.29	34.59
12	1.56	5.12	7.03	9.33	11.39	13.72	16.65	20.23	24.04	27.68	31.44	34.66
13	1.65	5.16	7.09	9.40	11.46	13.82	16.82	20.31	24.18	27.81	31.56	34.75
14	1.81	5.29	7.13	9.51	11.55	13.95	16.93	20.42	24.29	27.86	31.71	34.87
15	1.93	5.38	7.19	9.58	11.64	14.02	17.05	20.56	24.42	27.96	31.75	34.99
16	2.07	5.42	7.29	9.67	11.73	14.13	17.13	20.63	24.56	28.07	31.85	35.10
17	2.16	5.46	7.38	9.75	11.82	14.20	17.21	20.75	24.68	28.20	31.97	35.25
18	2.33	5.51	7.52	9.80	11.87	14.32	17.34	20.90	24.74	28.30	32.12	35.36
19	2.46	5.62	7.66	9.86	11.94	14.40	17.46	21.00	24.93	28.41	32.24	35.43
20	2.60	5.67	7.76	9.91	12.00	14.48	17.58	21.23	25.09	28.50	32.34	35.53
21	2.73	5.74	7.83	9.99	12.04	14.58	17.66	21.39	25.20	28.68	32.46	35.63
22	2.85	5.80	7.89	10.07	12.17	14.71	17.77	21.48	25.31	28.83	32.59	35.73
23	2.96	5.83	7.94	10.14	12.25	14.78	17.85	21.60	25.38	29.03	32.75	35.81
24	3.11	5.92	8.00	10.24	12.32	14.82	17.94	21.71	25.50	29.16	32.84	35.90
25	3.19	5.98	8.04	10.29	12.41	14.89	18.04	21.89	25.62	29.35	32.93	36.04
26	3.28	6.07	8.10	10.33	12.50	14.95	18.17	22.00	25.69	29.48	33.00	36.22
27	3.35	6.13	8.17	10.39	12.57	15.09	18.27	22.15	25.74	29.56	33.09	36.27
28	3.54	6.17	8.23	10.44	12.63	15.20	18.41	22.26	25.83	29.64	33.16	36.45
29	3.63	6.23	8.35	10.48	12.68	15.28	18.58	22.39	25.89	29.78	33.23	36.61
30	3.72		8.42	10.52	12.74	15.38	18.71	22.49	26.06	29.89	33.40	36.74
31	3.91		8.52		12.85		18.82	22.74		30.00		36.88

G.11751/MAL/6/64/100

Table III. Accumulated Mean Daily Rainfall, in inches, 1916-1950

GLEN AFTON HOSPITAL

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	.32	7.15	11.43	15.10	18.50	21.93	25.13	29.10	33.45	38.49	45.04	51.12
2	.60	7.30	11.54	15.18	18.58	22.01	25.27	29.25	33.58	38.65	45.27	51.41
3	.82	7.51	11.66	15.27	18.67	22.13	25.50	29.30	33.73	38.92	45.51	51.61
4	1.03	7.66	11.78	15.39	18.78	22.24	25.64	29.36	33.92	39.11	45.77	51.85
5	1.27	7.88	11.94	15.50	18.93	22.32	25.72	29.45	34.01	39.37	45.95	52.07
6	1.58	8.07	12.02	15.61	19.09	22.45	25.85	29.58	34.18	39.53	46.12	52.30
7	1.73	8.25	12.16	15.73	19.20	22.54	26.02	29.75	34.32	39.77	46.34	52.55
8	1.99	8.52	12.29	15.85	19.30	22.67	26.14	29.90	34.43	39.98	46.57	52.76
9	2.34	8.72	12.37	15.96	19.37	22.80	26.24	30.08	34.58	40.30	46.73	52.98
10	2.61	8.86	12.44	16.13	19.46	22.90	26.35	30.23	34.74	40.56	46.94	53.19
11	2.86	9.02	12.50	16.27	19.53	22.97	26.48	30.40	34.85	40.76	47.17	53.36
12	3.13	9.14	12.59	16.38	19.62	23.10	26.56	30.51	35.01	40.92	47.36	53.51
13	3.31	9.21	12.65	16.53	19.78	23.18	26.73	30.63	35.24	41.09	47.52	53.76
14	3.54	9.38	12.70	16.69	19.91	23.29	26.81	30.74	35.45	41.22	47.67	54.02
15	3.75	9.58	12.83	16.82	20.06	23.38	26.94	30.90	35.59	41.43	47.80	54.21
16	3.96	9.68	12.95	16.97	20.18	23.49	27.05	31.05	35.92	41.65	47.92	54.44
17	4.16	9.77	13.23	17.11	20.29	23.61	27.21	31.24	36.28	41.90	48.16	54.65
18	4.34	9.88	13.40	17.21	20.37	23.71	27.35	31.41	36.41	42.06	48.42	54.83
19	4.52	10.03	13.58	17.31	20.45	23.83	27.43	31.52	36.61	42.25	48.58	55.00
20	4.74	10.17	13.71	17.40	20.55	23.94	27.57	31.76	36.76	42.40	48.73	55.22
21	4.92	10.31	13.83	17.49	20.64	24.03	27.70	31.93	36.91	42.61	48.91	55.41
22	5.06	10.45	13.90	17.65	20.81	24.15	27.84	32.04	37.14	42.75	49.14	55.64
23	5.26	10.51	13.97	17.85	20.96	24.25	27.96	32.16	37.27	42.96	49.45	55.81
24	5.54	10.63	14.04	18.01	21.08	24.31	28.06	32.27	37.42	43.15	49.69	55.98
25	5.74	10.81	14.17	18.10	21.16	24.38	28.16	32.39	37.56	43.50	49.90	56.24
26	5.98	11.02	14.27	18.16	21.29	24.47	28.28	32.54	37.70	43.79	50.10	56.48
27	6.13	11.15	14.40	18.27	21.41	24.62	28.42	32.69	37.85	44.01	50.22	56.62
28	6.31	11.23	14.50	18.33	21.52	24.76	28.58	32.84	37.99	44.13	50.40	56.88
29	6.51	11.31	14.65	18.39	21.63	24.85	28.72	33.01	38.14	44.40	50.60	57.09
30	6.63		14.77	18.43	21.73	24.94	28.86	33.10	38.31	44.62	50.84	57.28
31	6.92		15.00		21.81		28.97	33.25		44.78		57.45

Table III. Accumulated Mean Daily Rainfall, in inches, 1916-1950

AYR CEMETERY

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	.17	3.89	6.30	8.45	10.42	12.79	15.17	18.24	21.38	24.83	28.96	32.45
2	.31	3.97	6.35	8.52	10.45	12.85	15.28	18.32	21.46	24.95	29.12	32.61
3	.45	4.07	6.40	8.58	10.50	12.94	15.41	18.35	21.56	25.16	29.25	32.70
4	.56	4.16	6.48	8.63	10.59	13.04	15.51	18.42	21.66	25.30	29.40	32.83
5	.67	4.27	6.57	8.68	10.68	13.11	15.59	18.49	21.71	25.45	29.54	32.93
6	.82	4.42	6.65	8.72	10.77	13.21	15.75	18.60	21.83	25.57	29.61	33.05
7	.97	4.53	6.75	8.79	10.82	13.30	15.87	18.75	21.95	25.72	29.73	33.15
8	1.12	4.67	6.85	8.86	10.87	13.38	15.96	18.87	22.02	25.88	29.86	33.27
9	1.27	4.76	6.91	8.93	10.95	13.45	16.05	18.94	22.15	26.08	30.00	33.39
10	1.39	4.82	6.93	9.01	11.00	13.52	16.16	19.02	22.26	26.24	30.10	33.48
11	1.52	4.92	6.98	9.09	11.06	13.56	16.24	19.12	22.37	26.32	30.24	33.57
12	1.66	5.00	7.04	9.16	11.16	13.73	16.34	19.19	22.49	26.46	30.36	33.65
13	1.76	5.07	7.07	9.25	11.24	13.80	16.49	19.27	22.65	26.57	30.44	33.73
14	1.89	5.17	7.13	9.34	11.30	13.88	16.58	19.42	22.78	26.64	30.54	33.84
15	1.97	5.28	7.18	9.41	11.44	13.94	16.71	19.53	22.88	26.76	30.61	33.95
16	2.07	5.35	7.26	9.50	11.55	14.02	16.78	19.64	23.15	26.88	30.69	34.08
17	2.20	5.40	7.34	9.57	11.65	14.10	16.87	19.79	23.33	27.01	30.78	34.21
18	2.33	5.49	7.44	9.62	11.74	14.21	16.99	19.88	23.42	27.11	30.92	34.32
19	2.46	5.58	7.51	9.71	11.80	14.26	17.08	20.01	23.57	27.20	31.03	34.43
20	2.56	5.64	7.59	9.75	11.88	14.36	17.17	20.19	23.69	27.32	31.11	34.57
21	2.64	5.71	7.68	9.81	11.93	14.44	17.24	20.27	23.78	27.51	31.23	34.67
22	2.74	5.79	7.74	9.88	12.03	14.54	17.36	20.34	23.94	27.62	31.36	34.78
23	2.87	5.84	7.81	9.97	12.10	14.60	17.41	20.40	24.01	27.75	31.54	34.89
24	3.02	5.91	7.86	10.07	12.19	14.64	17.49	20.51	24.10	27.94	31.64	35.01
25	3.14	5.97	7.92	10.14	12.23	14.68	17.56	20.64	24.21	28.10	31.78	35.13
26	3.24	6.07	7.97	10.20	12.33	14.75	17.62	20.75	24.29	28.23	31.88	35.27
27	3.32	6.14	8.04	10.26	12.44	14.88	17.72	20.89	24.36	28.33	31.96	35.35
28	3.45	6.17	8.10	10.29	12.50	14.97	17.84	20.99	24.48	28.39	32.05	35.49
29	3.57	6.23	8.18	10.35	12.54	15.03	17.95	21.08	24.59	28.57	32.17	35.64
30	3.64		8.28	10.39	12.62	15.08	18.06	21.14	24.69	28.67	32.26	35.79
31	3.79		8.40		12.70		18.12	21.27		28.78		35.90

G.11751/MAL/6/64/100

Table III. Accumulated Mean Daily Rainfall, in inches, 1916-1950

LOCH THOM

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	.37	8.66	14.09	18.51	22.67	26.83	30.82	35.78	41.28	47.56	55.72	63.11
2	.76	8.85	14.21	18.66	22.75	26.92	31.03	35.90	41.47	47.81	56.01	63.40
3	1.08	9.11	14.38	18.77	22.84	27.09	31.23	35.96	41.65	48.14	56.33	63.56
4	1.33	9.33	14.57	18.92	23.03	27.25	31.40	36.11	41.87	48.35	56.62	63.81
5	1.67	9.54	14.75	19.05	23.19	27.41	31.53	36.24	41.97	48.70	56.85	64.07
6	1.98	9.80	14.87	19.15	23.40	27.57	31.65	36.37	42.17	48.92	57.02	64.36
7	2.31	10.00	15.05	19.30	23.49	27.71	31.85	36.59	42.39	49.17	57.29	64.58
8	2.62	10.32	15.22	19.47	23.58	27.85	31.97	36.81	42.54	49.50	57.56	64.80
9	3.01	10.54	15.34	19.60	23.71	28.00	32.08	36.94	42.74	49.92	57.78	65.03
10	3.27	10.68	15.42	19.80	23.82	28.11	32.26	37.15	42.92	50.18	58.00	65.28
11	3.50	10.86	15.50	19.97	23.92	28.22	32.36	37.32	43.10	50.45	58.30	65.49
12	3.78	11.04	15.60	20.13	24.02	28.38	32.49	37.43	43.28	50.72	58.49	65.69
13	3.97	11.20	15.65	20.35	24.21	28.48	32.71	37.57	43.50	51.02	58.67	65.94
14	4.26	11.41	15.73	20.55	24.35	28.61	32.84	37.72	43.76	51.19	58.89	66.19
15	4.45	11.66	15.89	20.72	24.55	28.72	32.95	37.91	43.96	51.41	59.06	66.46
16	4.70	11.76	16.07	20.88	24.69	28.87	33.07	38.24	44.33	51.73	59.22	66.74
17	4.95	11.91	16.22	21.04	24.86	28.99	33.17	38.53	44.65	52.06	59.39	66.95
18	5.20	12.09	16.40	21.16	24.96	29.14	33.41	38.66	44.82	52.26	59.69	67.18
19	5.47	12.28	16.62	21.28	25.06	29.26	33.54	38.87	45.06	52.51	59.94	67.41
20	5.70	12.40	16.79	21.43	25.20	29.40	33.76	39.13	45.21	52.74	60.17	67.67
21	5.93	12.57	16.94	21.52	25.38	29.53	33.91	39.34	45.41	52.98	60.40	67.88
22	6.17	12.73	17.04	21.69	25.54	29.68	34.12	39.44	45.65	53.20	60.67	68.13
23	6.45	12.83	17.15	21.87	25.64	29.79	34.30	39.63	45.82	53.47	61.05	68.36
24	6.78	12.96	17.24	22.06	25.78	29.89	34.47	39.76	45.99	53.80	61.29	68.58
25	6.99	13.21	17.36	22.18	25.85	29.99	34.60	39.97	46.17	54.04	61.53	68.89
26	7.20	13.42	17.46	22.31	26.04	30.13	34.72	40.12	46.35	54.34	61.74	69.21
27	7.41	13.59	17.60	22.40	26.19	30.34	34.93	40.27	46.53	54.56	61.98	69.40
28	7.66	13.71	17.74	22.44	26.29	30.49	35.09	40.46	46.79	54.72	62.22	69.66
29	7.87	13.94	17.94	22.50	26.37	30.60	35.25	40.62	46.97	55.06	62.47	69.91
30	8.06		18.14	22.54	26.51	30.70	35.48	40.76	47.19	55.26	62.76	70.13
31	8.40		18.38		26.68		35.61	41.09		55.45		70.41

G.11751/MJL/6/64/100

Table III. Accumulated Mean Daily Rainfall, in inches, 1916-1950

ROTHESAY

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1	0.31	6.16	10.19	13.50	16.77	20.33	23.77	28.08	32.83	38.00	44.66	50.51
2	0.59	6.34	10.27	13.61	16.82	20.41	23.94	28.19	33.02	38.17	44.89	50.76
3	0.82	6.53	10.41	13.71	16.92	20.54	24.08	28.24	33.16	38.43	45.12	50.94
4	0.98	6.68	10.53	13.82	17.05	20.67	24.22	28.38	33.31	38.62	45.36	51.18
5	1.18	6.88	10.69	13.92	17.17	20.80	24.40	28.46	33.40	38.87	45.62	51.41
6	1.40	7.06	10.79	14.00	17.29	20.92	24.50	28.61	33.57	39.08	45.76	51.60
7	1.63	7.23	10.92	14.11	17.39	21.05	24.67	28.81	33.79	39.27	45.95	51.77
8	1.84	7.45	11.01	14.25	17.45	21.19	24.79	28.97	33.89	39.59	46.17	51.96
9	2.12	7.63	11.10	14.36	17.56	21.29	25.89	29.10	34.08	39.91	46.32	52.17
10	2.32	7.75	11.16	14.49	17.66	21.39	25.02	29.24	34.25	40.13	46.54	52.36
11	2.51	7.90	11.22	14.68	17.73	21.49	25.12	29.41	34.42	40.30	46.77	52.51
12	2.72	8.03	11.30	14.81	17.84	21.60	25.25	29.52	34.56	40.48	46.95	52.66
13	2.87	8.15	11.33	14.96	18.01	21.69	25.47	29.69	34.77	40.71	47.09	52.86
14	3.08	8.29	11.38	15.11	18.13	21.80	25.58	29.79	34.98	40.82	47.27	53.06
15	3.24	8.47	11.48	15.23	18.31	21.91	25.72	29.98	35.13	40.98	47.40	53.27
16	3.41	8.57	11.63	15.34	18.46	22.02	25.81	30.24	35.41	41.21	47.55	53.46
17	3.57	8.68	11.73	15.46	18.60	22.14	25.90	30.47	35.68	41.46	47.69	53.63
18	3.76	8.82	11.85	15.56	18.69	22.27	26.07	30.60	35.79	41.62	47.87	53.83
19	3.95	8.96	12.01	15.65	18.78	22.36	26.20	30.76	35.98	41.82	48.05	54.02
20	4.11	9.08	12.17	15.77	18.89	22.48	26.42	30.95	36.14	42.05	48.23	54.19
21	4.26	9.20	12.27	15.85	19.03	22.63	26.53	31.10	36.34	42.27	48.38	54.36
22	4.43	9.32	12.36	15.97	19.18	22.74	26.69	31.22	36.54	42.42	48.59	54.55
23	4.67	9.40	12.46	16.14	19.30	22.85	26.82	31.37	36.68	42.66	48.85	54.68
24	4.87	9.49	12.54	16.32	19.41	22.92	26.95	31.52	36.79	42.94	49.06	54.80
25	5.01	9.64	12.63	16.39	19.47	23.03	27.06	31.73	36.92	43.19	49.24	55.03
26	5.19	9.77	12.73	16.49	19.68	23.16	27.18	31.84	37.09	43.43	49.44	55.24
27	5.32	9.88	12.84	16.56	19.81	23.34	27.31	31.98	37.26	43.63	49.61	55.41
28	5.49	9.95	12.93	16.61	19.88	23.48	27.46	32.17	37.42	43.77	49.79	55.59
29	5.64	10.08	13.08	16.66	19.94	23.57	27.62	32.30	37.54	44.03	49.98	55.77
30	5.79		13.25	16.70	20.06	23.66	27.80	32.42	37.76	44.27	50.27	55.94
31	6.00		13.42		20.19		27.93	32.73		44.43		56.19

TABLE IV. Accumulated Frequencies of Daily Rainfall (in inches), 1916-1950

Eskdalemuir

Daily totals	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	All months
3.20													
3.00												1	1
2.80												1	1
2.60	1										1	1	3
2.50	1					1					1	1	4
2.40	1					1					2	1	5
2.30	1					1	1		1	2	2	1	9
2.20	1		1			1	1		2	2	2	1	11
2.10	1		1			1	3		4	2	2	2	16
2.00	1		1			1	3		4	3	2	2	17
1.90	3		1			1	3		4	4	4	2	22
1.80	3	1	1	1		1	4		7	4	5	3	30
1.70	3	3	2	1	1	1	4		8	6	5	4	38
1.60	6	3	2	3	2	1	4	4	8	8	6	7	54
1.50	10	4	3	4	3	5	5	6	11	9	8	9	77
1.40	17	5	3	7	4	6	7	7	12	12	10	11	101
1.30	22	6	4	10	4	9	10	11	15	20	13	12	136
1.20	31	9	6	11	7	11	12	14	19	22	22	16	180
1.10	38	13	7	17	11	16	19	19	25	30	30	19	244
1.00	45	14	8	19	15	22	23	25	29	41	38	32	311
0.90	69	26	15	23	22	27	37	40	43	59	46	45	452
0.80	90	38	24	31	27	33	45	53	50	78	62	61	592
0.70	117	54	40	39	38	45	59	74	68	102	84	81	801
0.60	148	74	65	51	51	62	75	99	85	129	112	106	1057
0.50	185	106	87	68	71	78	109	137	115	162	142	138	1398
0.40	240	134	118	94	104	116	146	175	154	203	182	187	1853
0.30	303	178	165	170	150	159	203	233	204	267	240	262	2534
0.20	408	271	228	217	223	219	274	304	294	349	315	359	3461
0.10	542	397	346	325	335	325	410	430	414	459	446	495	4924
0.005	839	689	689	658	615	607	698	735	712	795	762	795	8594
0.004	246	300	396	392	470	443	387	350	338	290	288	290	4190
*Total No. of days	1085	989	1085	1050	1085	1050	1085	1085	1050	1085	1050	1085	12784

* Including Rainless Days

TABLE IV. Accumulated Frequencies of Daily Rainfall (in inches), 1916-1950

Glen Afton Hospital

Daily totals	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	All Months
3.40												1	1
3.10										1		1	2
2.50										1		1	2
2.40										1		1	2
2.30										1		1	2
2.20		1			1			1		1		1	5
2.10		1			1		1	1		1		2	7
2.00	1	1	1		1		2	1	2	1		2	12
1.90	1	1	1		1		2	1	3	2		2	14
1.80	2	2	2		1		2	1	4	3	2	2	21
1.70	5	2	2		1		2	3	5	3	3	3	29
1.60	5	2	3	1	1		2	4	6	5	5	3	37
1.50	5	6	4	2	1		2	7	9	8	9	5	54
1.40	8	9	5	4	2		3	7	10	10	10	11	79
1.30	10	12	6	5	2	1	3	7	12	17	14	13	102
1.20	14	16	7	7	6	3	5	9	13	18	18	20	136
1.10	24	18	9	9	9	7	9	11	18	26	24	26	190
1.00	35	19	11	9	11	13	13	13	22	39	32	31	248
0.90	50	24	18	15	17	14	16	19	30	54	46	44	347
0.80	72	32	23	18	22	18	25	27	39	70	61	57	464
0.70	95	42	34	30	29	23	30	41	55	91	87	79	636
0.60	124	63	46	40	41	30	48	54	72	128	110	111	867
0.50	163	91	72	59	65	53	76	71	107	160	157	146	1220
0.40	227	129	104	94	92	83	108	111	148	202	206	206	1710
0.30	306	176	155	138	139	131	165	170	204	260	271	299	2225
0.20	404	253	219	203	196	179	249	261	298	363	343	392	3360
0.10	539	389	345	319	322	313	370	405	436	497	451	526	4912
0.005	800	618	604	602	569	565	682	692	675	739	689	763	7998
≤ *0.004	285	371	481	448	516	485	403	393	375	361	361	322	4786
Total No. of days	1085	989	1085	1050	1085	1050	1085	1085	1050	1085	1050	1085	12784

* Including Rainless Days

TABLE IV. Accumulated Frequencies of Daily Rainfall (in inches), 1916-1950

Ruthwell

Daily totals	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	All Months
2.20			1			1		1					3
2.10			1			1		1					3
2.00			1			1		1					3
1.90			1			1		1	1				4
1.80			1			1		1	2				5
1.70			1			3		2	4		1		11
1.60			1			3		2	4		1	1	12
1.50		1	1			4		2	4	1	1	1	15
1.40		1	1			4	1	4	4	1	3	1	20
1.30	1	1	1			4	1	6	6	2	3	1	26
1.20	2	1	2		1	4	4	11	7	5	4	3	44
1.10	2	2	4		2	4	5	14	9	8	6	4	60
1.00	7	2	5	1	3	5	7	18	12	10	8	9	87
0.90	13	2	6	2	4	9	13	22	16	20	12	12	131
0.80	20	6	6	4	6	10	23	31	19	27	15	18	185
0.70	30	9	11	5	10	21	35	38	27	43	28	23	280
0.60	47	23	19	14	14	30	51	51	39	60	38	32	418
0.50	71	32	29	28	23	42	74	76	52	86	64	52	629
0.40	105	43	55	35	44	59	103	110	94	118	90	74	930
0.30	182	79	93	56	94	84	139	153	134	163	135	140	1432
0.20	250	152	143	123	159	150	216	240	204	236	216	229	2318
0.10	389	262	231	241	265	260	317	347	306	352	343	364	3677
0.005	647	507	472	479	475	473	576	601	561	625	561	630	6607
≤ *0.004	438	482	613	571	610	577	509	484	489	460	489	455	6177
Total No. of days	1085	989	1085	1050	1085	1050	1085	1085	1050	1085	1050	1085	12784

* Including Rainless Days

TABLE IV. Accumulated Frequencies of Daily Rainfall (in inches), 1916-1950

AYR CEMETERY

Daily totals	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	All Months
3.50						1							1
3.00						1							1
2.50						1							1
2.40						1			1				2
2.30						1	1	1	2				5
2.20						1	1	1	2				5
2.10						1	1	1	2				5
2.00						1	1	1	2				5
1.90						1	1	1	2				5
1.80						1	1	1	2				5
1.70						1	1	1	2				5
1.60						1	1	2	2				6
1.50						1	1	2	2	2			8
1.40		1				1	2	2	2	3	1		12
1.30		1				1	2	3	2	3	1	1	14
1.20		1			1	1	2	3	2	3	2	1	16
1.10		1	1		2	3	4	7	6	4	4	1	33
1.00	1	2	1		4	5	9	11	10	9	5	2	59
0,90	5	3	2	1	8	7	12	14	15	12	8	5	92
0.80	8	7	2	1	9	10	14	18	22	18	14	8	131
0.70	27	11	6	2	14	13	21	23	30	29	24	18	218
0.60	38	14	11	13	22	23	35	32	42	49	45	29	353
0.50	68	22	21	20	35	37	48	49	62	80	64	45	551
0.40	98	49	41	41	53	61	77	81	97	118	95	91	902
0.30	158	85	79	72	80	89	115	130	133	171	135	157	1404
0.20	261	163	155	135	141	147	193	193	216	273	236	268	2381
0.10	396	288	247	229	258	236	311	309	326	412	352	403	3764
0.005	659	517	457	440	441	462	535	553	560	629	564	615	6432
≤ *0.004	426	472	628	610	644	588	550	532	490	456	486	470	6352
Total No. of days	1085	989	1085	1050	1085	1050	1085	1085	1050	1085	1050	1085	12784

* Including Rainless Days

TABLE IV. Accumulated Frequencies of Daily Rainfall (in inches), 1916-1950

LOCH THOM

Daily totals	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	All Months
2.80								1					1
2.70					1		1	1					3
2.60					1		1	1	1				4
2.50					1		2	1	1				5
2.40	1	1			1		2	1	1	1			8
2.30	1	2			1		2	1	1	2	1	1	12
2.20	1	2			1		2	1	1	4	1	1	14
2.10	2	2		1	1		3	2	1	6	1	1	20
2.00	3	2		2	1		3	2	1	7	2	2	25
1.90	4	3	2	2	1		3	2	2	8	2	2	31
1.80	4	3	2	3	3		5	2	2	8	4	3	39
1.70	6	3	2	3	3		5	2	5	10	8	5	52
1.60	8	8	3	3	3		5	2	6	16	10	5	69
1.50	9	10	3	3	4	1	6	3	10	20	13	5	87
1.40	15	11	4	4	4	3	10	6	13	26	18	11	125
1.30	18	14	7	6	6	6	11	10	20	32	24	17	171
1.20	25	18	9	8	10	9	15	13	24	47	32	22	232
1.10	45	23	12	9	16	11	17	18	30	56	43	35	315
1.00	62	26	19	16	20	14	22	28	37	63	51	46	404
0.90	76	34	21	25	21	25	27	34	50	87	65	62	527
0.80	97	45	31	30	29	35	38	50	60	107	87	81	690
0.70	118	65	42	48	46	47	50	67	80	131	108	114	916
0.60	162	92	67	61	59	62	72	87	110	169	145	146	1232
0.50	213	121	94	87	82	80	102	118	144	206	187	191	1625
0.40	289	159	130	118	116	110	141	164	190	259	235	246	2157
0.30	364	236	185	165	171	156	197	236	262	337	297	328	2934
0.20	471	320	271	238	246	234	270	325	331	426	402	446	3980
0,10	608	459	385	370	362	365	417	450	459	541	524	575	5515
0.005	826	672	648	628	586	583	692	699	702	769	742	803	8350
≤ *0.004	259	317	437	422	499	467	393	386	348	316	308	282	4434
Total No. of days	1085	989	1085	1050	1085	1050	1085	1085	1050	1085	1050	1085	12784

* Including Rainless Days

TABLE IV. Accumulated Frequencies of Daily Rainfall (in inches), 1916-1950

RENFREW

Daily totals	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	All Months
2.50								1					1
2.40								1					1
2.30								1					1
2.20								1					1
2.10								1					1
2.00								1					1
1.90								1		1			2
1.80								1		1			2
1.70								1		1			2
1.60								1	1	1			3
1.50				1				1	1	2	1		6
1.40				1				1	1	2	2		7
1.30	1		1	2	2	1	1	1	2	3	2	2	18
1.20	1	1	1	2	2	2	2	1	4	7	2	4	29
1.10	2	2	1	3	2	4	7	3	5	11	3	6	49
1.00	7	4	1	3	2	4	9	5	9	16	5	7	72
0.90	10	7	1	5	2	4	10	9	13	22	10	12	105
0.80	17	13	1	6	5	7	14	16	21	29	17	15	161
0.70	27	19	5	10	9	13	24	21	31	39	29	27	254
0.60	52	26	11	19	17	21	30	31	41	56	45	37	386
0.50	77	43	30	28	26	31	40	54	64	81	69	56	599
0.40	112	56	46	50	50	43	64	75	87	114	110	96	903
0.30	180	93	77	88	94	66	101	109	126	163	148	155	1400
0.20	268	164	132	130	152	114	165	165	196	242	219	236	2183
0.10	390	288	242	212	235	217	284	291	290	362	321	336	3468
0.005	659	523	502	492	477	470	558	574	571	627	586	620	6659
≤ *0.004	271	324	428	408	453	430	372	356	329	303	314	310	4298
Total No. of days	930	847	930	900	930	900	930	930	900	930	900	930	10957

* Including Rainless Days

TABLE IV. Accumulated Frequencies of Daily Rainfall (in inches), 1916-1950

ROTHESAY

Daily totals	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	All Months
2.30						1				1			2
2.20					1	1				1	1		4
2.10	1				1	1				1	1		5
2.00	1				1	1		1		1	1		6
1.90	1				1	1		1		1	2		7
1.80	1				1	1		1	1	3	2		10
1.70	1	1			1	1		1	1	4	2	1	13
1.60	1	1			2	1		1	1	6	3	1	17
1.50	2	1		1	2	1	2	4	2	6	3	1	25
1.40	3	1		1	3	1	4	7	2	8	4	1	35
1.30	3	3		2	5	2	6	9	5	14	8	4	61
1.20	5	3		3	7	2	6	9	10	21	10	6	82
1.10	7	6		4	8	3	9	11	16	26	16	10	116
1.00	11	8	1	5	9	4	13	17	20	38	22	13	161
0.90	20	10	4	5	11	6	17	20	26	55	30	14	218
0.80	34	15	8	8	17	17	23	38	40	71	38	22	331
0.70	52	30	22	17	24	30	35	56	50	94	61	48	519
0.60	83	43	32	32	43	42	55	74	73	124	92	81	774
0.50	128	61	52	55	59	63	76	97	105	161	137	120	1114
0.40	187	97	79	81	89	90	112	135	150	204	190	188	1602
0.30	264	173	129	135	139	142	171	193	214	279	261	273	2383
0.20	386	267	215	197	206	221	271	286	298	380	358	388	3473
0.10	565	425	373	329	332	337	398	432	455	530	488	555	5219
0.005	808	674	634	636	595	605	696	719	710	760	736	812	8385
≤ *0.004	277	315	451	414	490	445	389	366	340	325	314	273	4399
Total No. of days	1085	989	1085	1050	1085	1050	1085	1085	1050	1085	1050	1085	12784

* Including Rainless Days

TABLE V. Maximum Daily Rainfall in Inches

	Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
ESKDALEMUIR	1911-1963	1933 2.61	1915 1.93	1950 2.29	1925 1.87	1945 1.76	1953 4.18	1938 2.39	1962 1.98	1962 2.61	1949 2.39	1931 2.77	1932 3.15
RUTHWELL	1910-1960	1951 1.90	1925 1.53	1950 2.25	1952 1.16	1941 1.29	1931 2.21	1953 1.89	1930 2.25	1936 1.92	1911 1.71	1931 1.70	1932 1.60
AYR CEMETERY	1913-1963	1960 1.39	1940 1.40	1933 1.12	1944 0.98	1922 1.28	1919 3.57	1931 2.34	1949 2.31	1940 2.45	1949 1.53	1927 1.40	1931 1.37
GLEN AFTON HOSPITAL	1910-1963*	1912 2.23	1915 2.66	1910 2.21	1922 1.66	1941 2.23	1917 1.33	1944 2.13	1961 2.43	1923 2.05	1949 3.15	1963 2.34	1936 3.45
RENFREW	1900-1963	1903 1.68	1903 2.48	1906 1.68	1922 1.51	1922 1.33	1953 1.41	1958 1.52	1920 3.20	1948 1.63	1907 2.34	1944 1.55	1914 1.72
LOCH THOM	1916-1963	1932 2.46	1962 2.75	1948 1.97	1960 2.38	1922 2.75	1927 1.52	1929 2.72	1961 2.93	1927 2.68	1926 2.45	1917 2.35	1932 2.30
ROTHESAY	1900-1963**	1932 2.18	1945 1.70	1951 1.37	1909 2.16	1922 2.27	1938 2.34	1959 1.94	1961 2.29	1908 1.91	1948 2.35	1917 2.25	1952 2.51

* January 1910 missing

** December 1958 to February 1959 missing

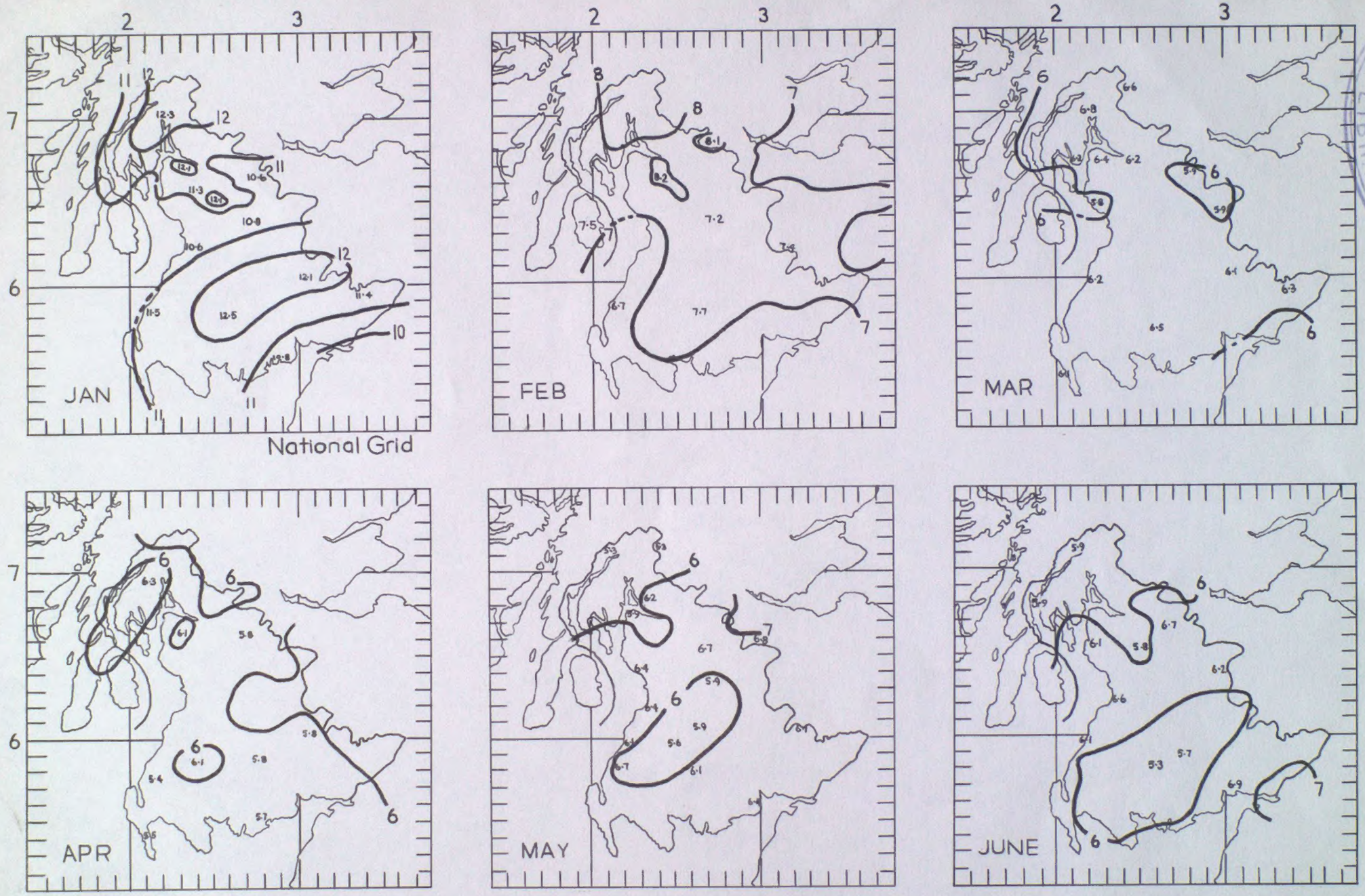

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Fig 1 Average Monthly Rainfall as a percentage of Average Annual Rainfall, 1916-1950, January to June

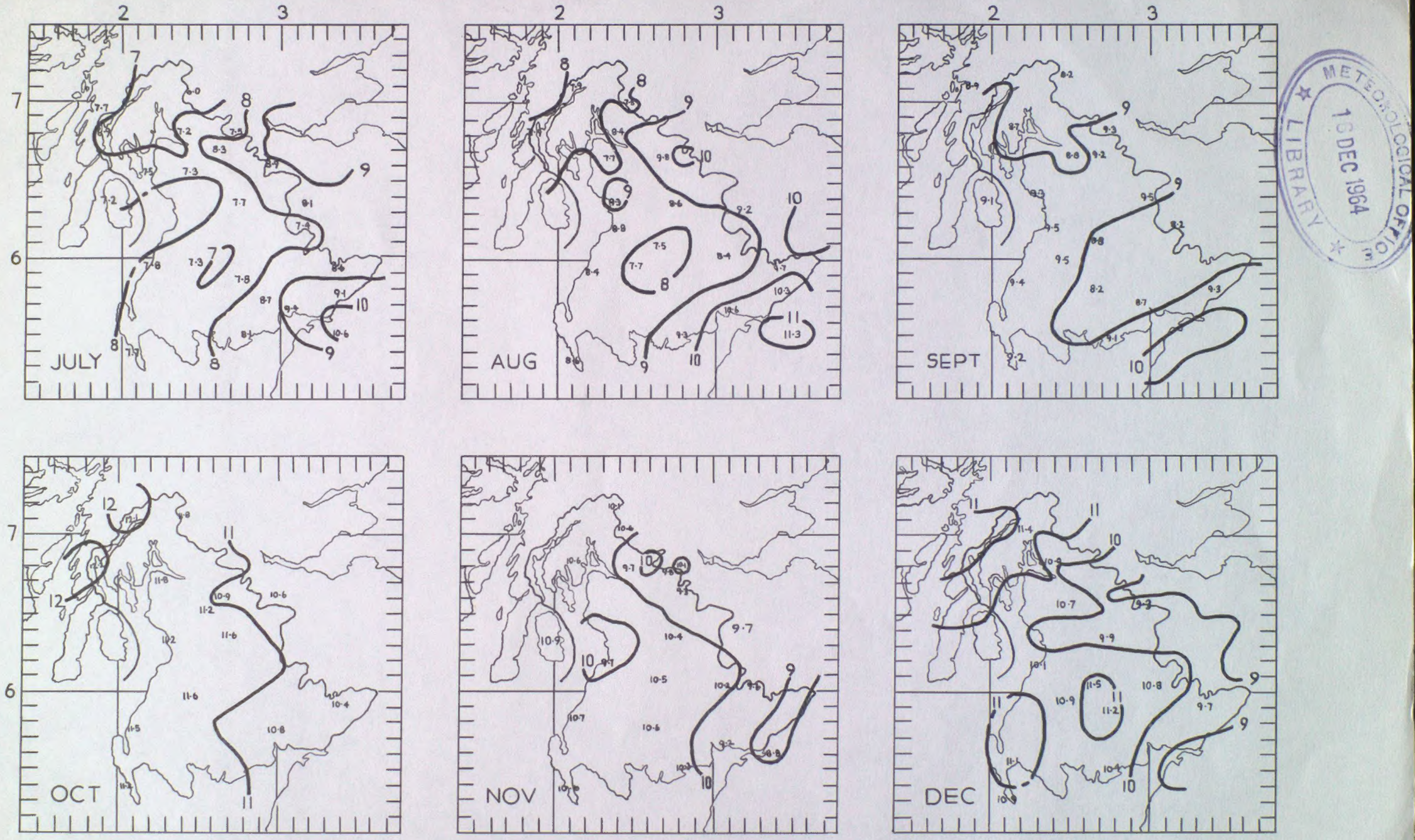

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Fig 1 Average Monthly Rainfall as a percentage of Average Annual Rainfall, 1916-1950.
July to December